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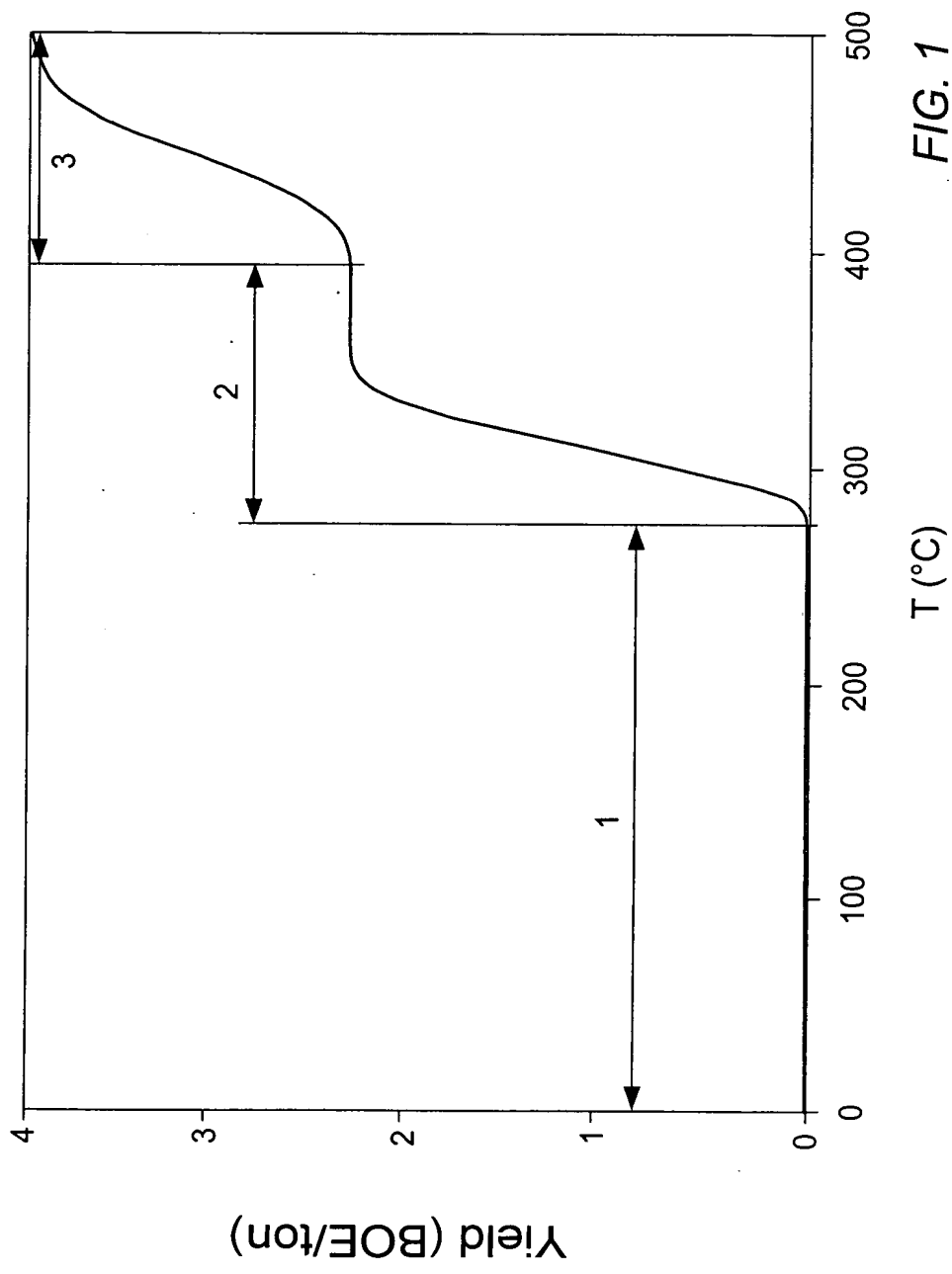


FIG. 1

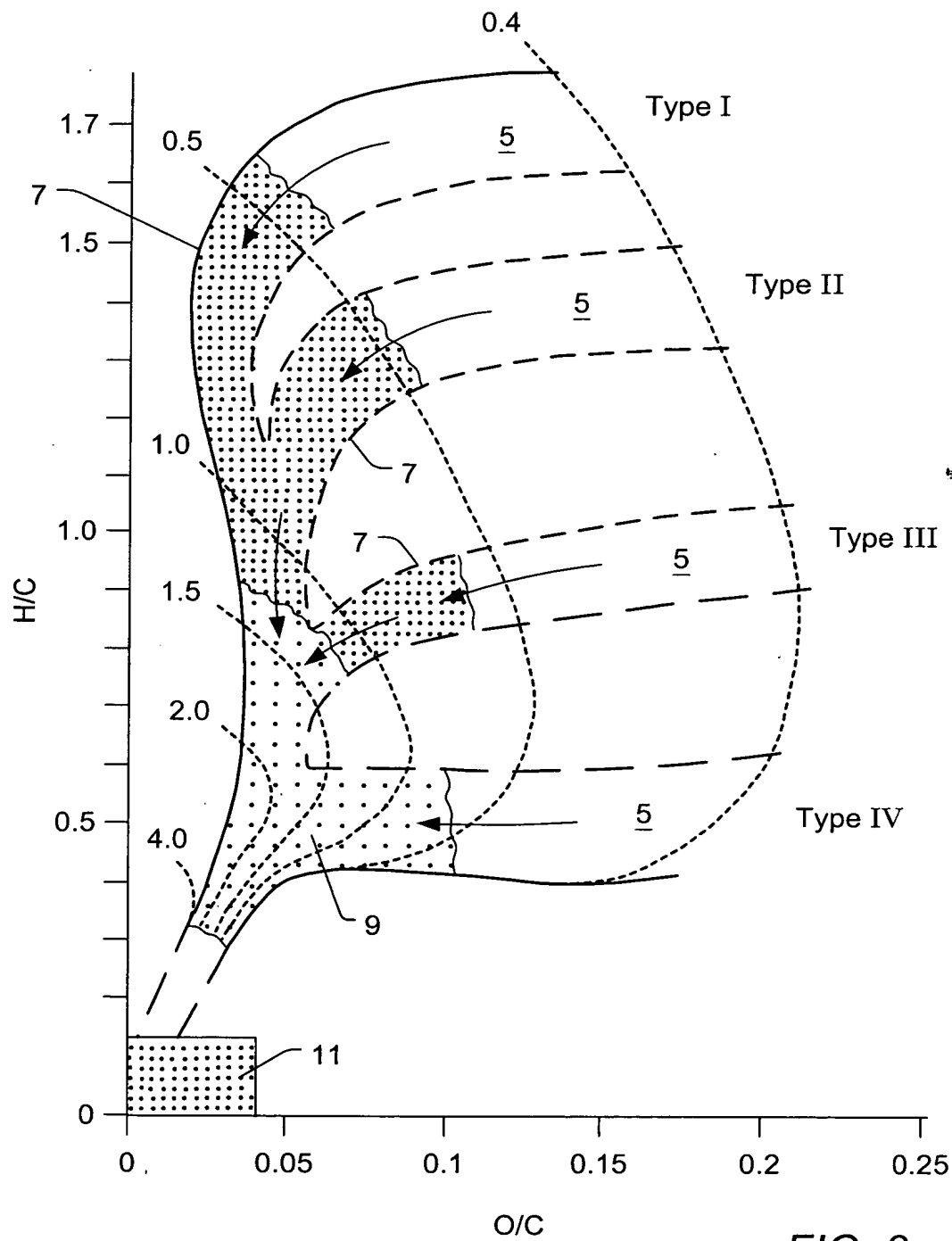


FIG. 2

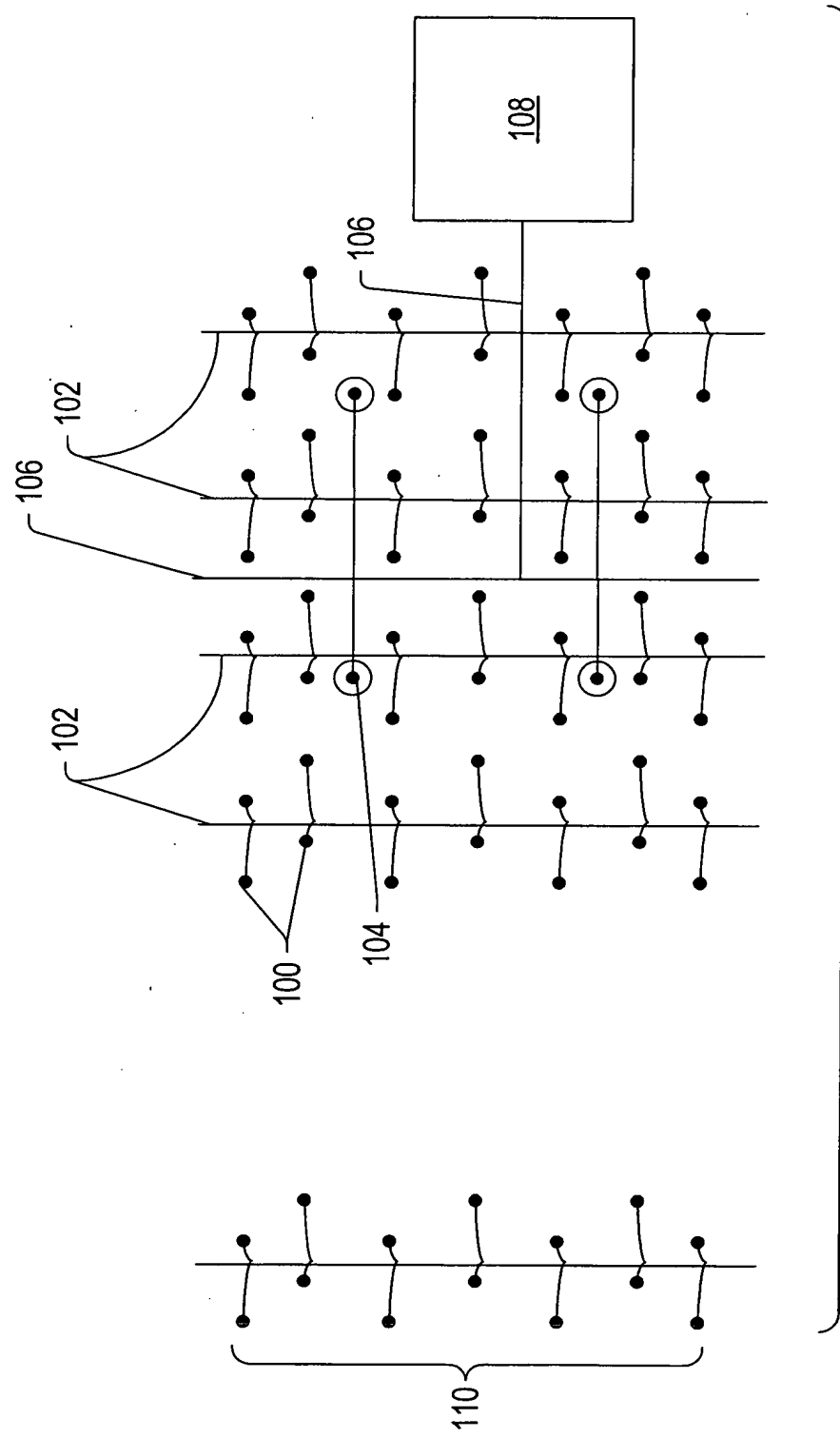


FIG. 3

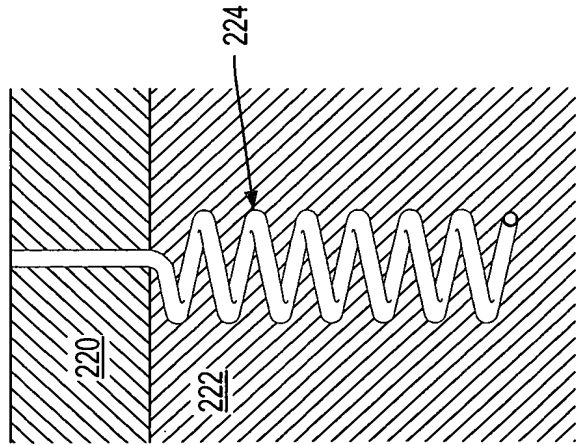


FIG. 3a

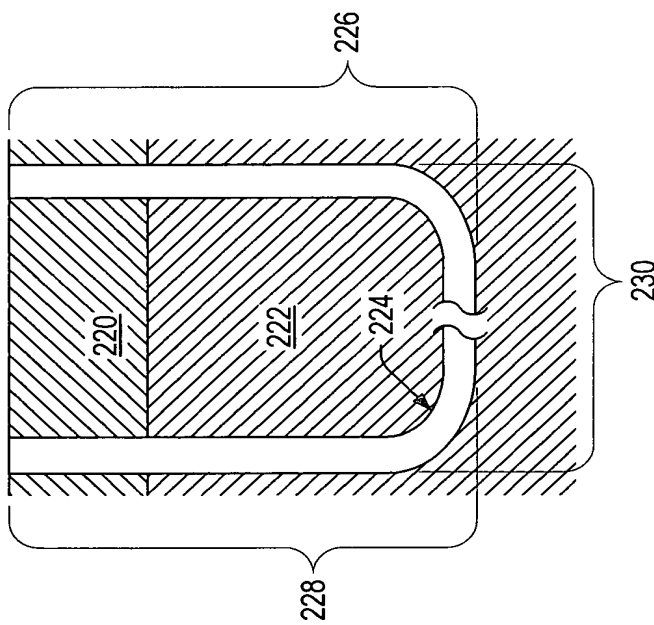


FIG. 3b

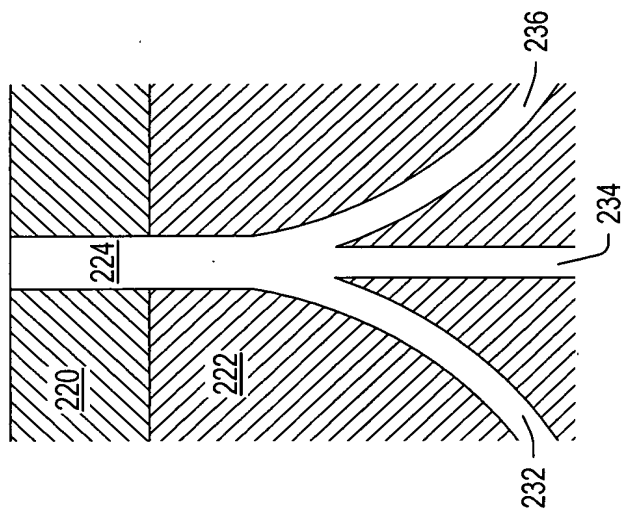
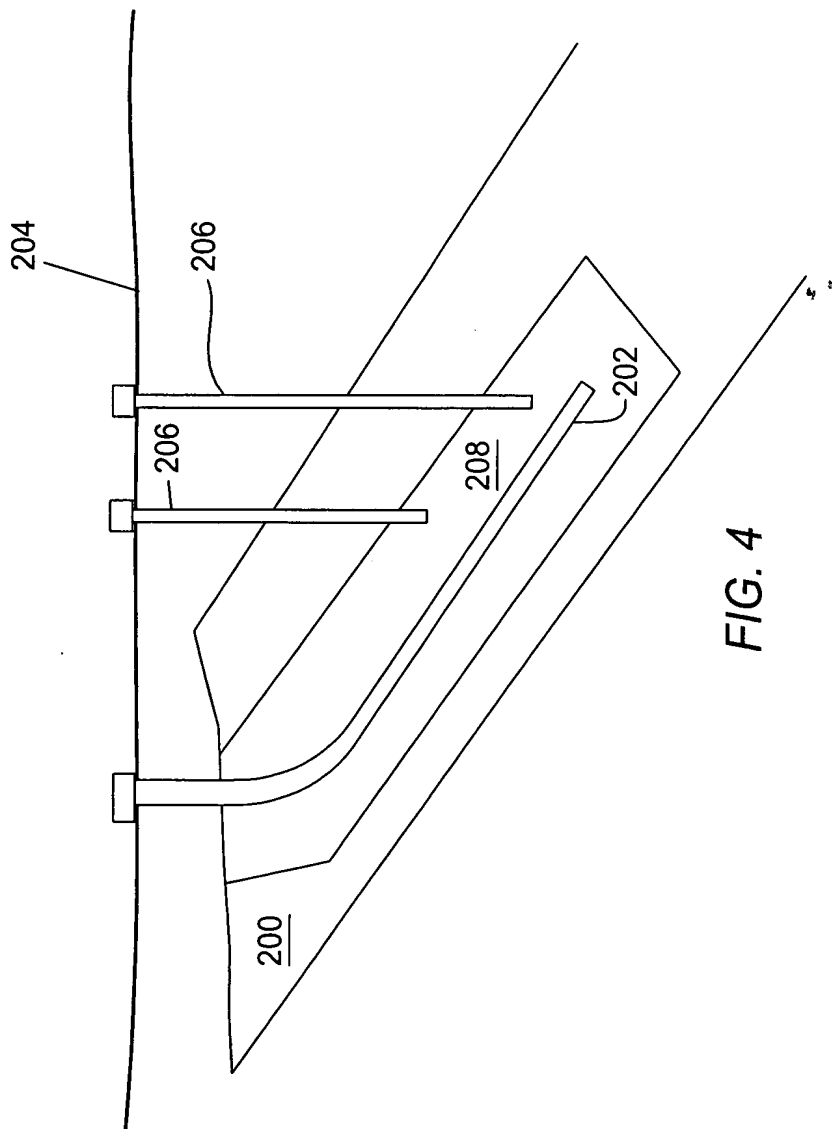
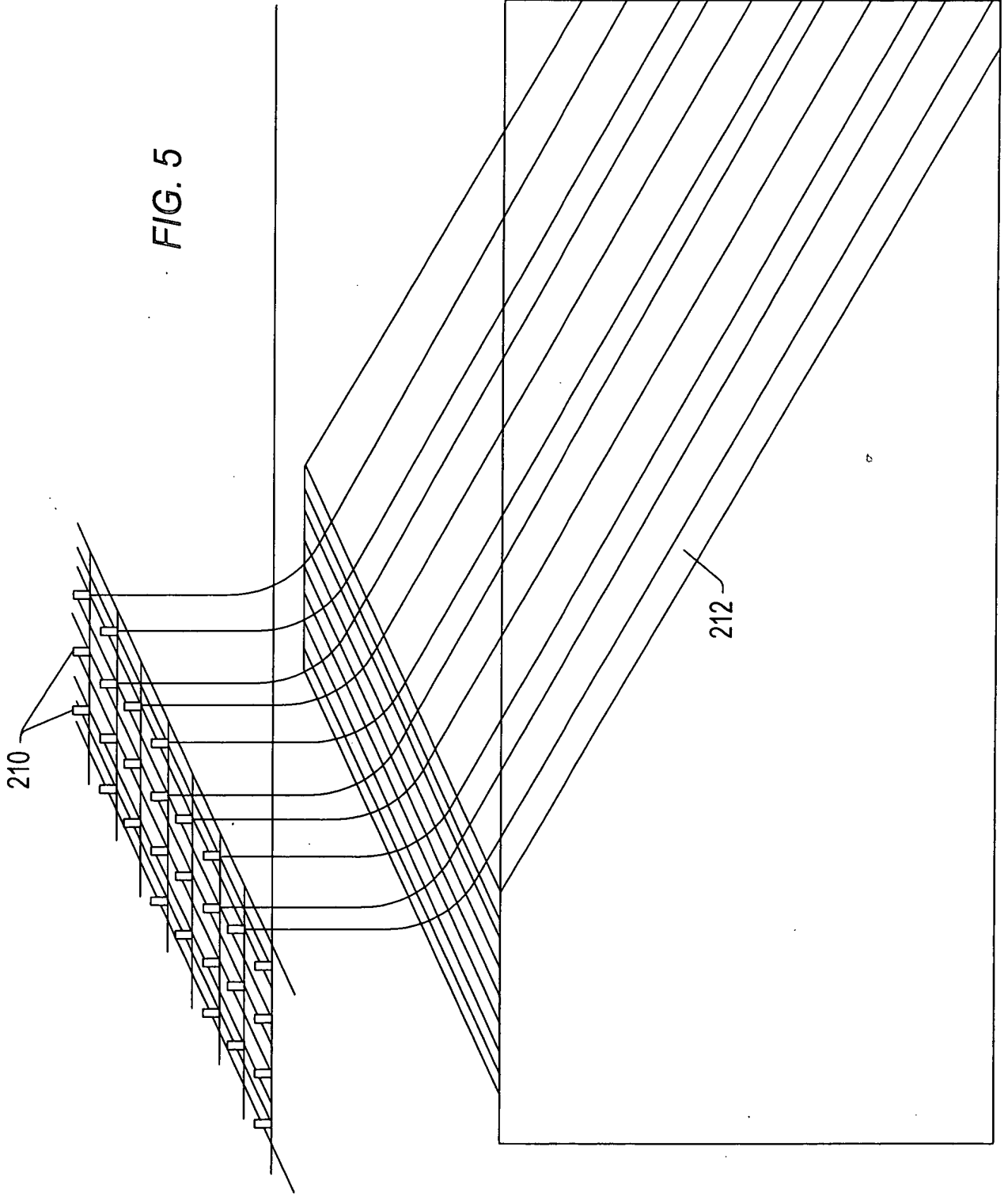


FIG. 3c





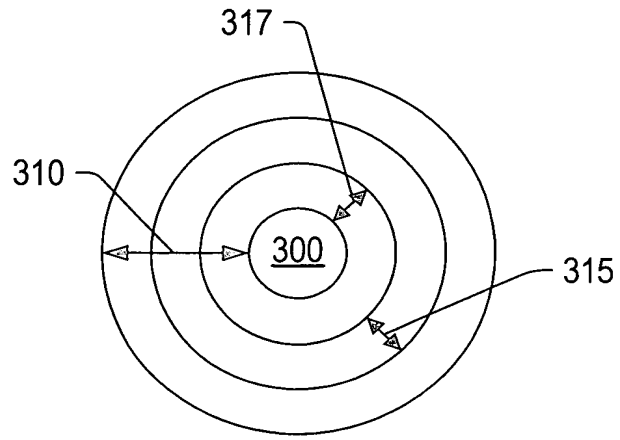


FIG. 6

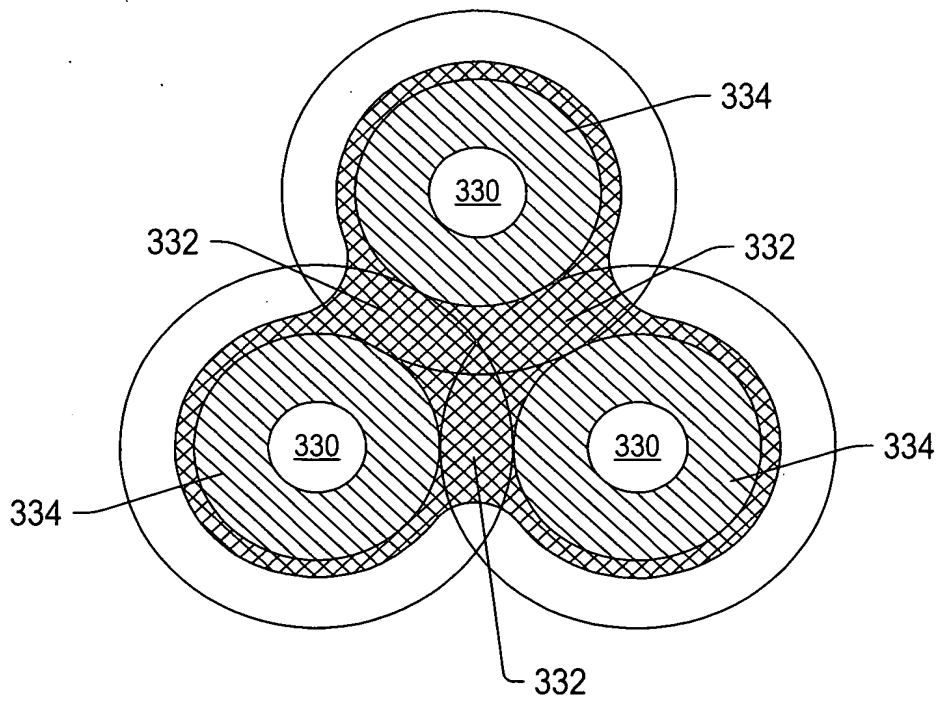


FIG. 7



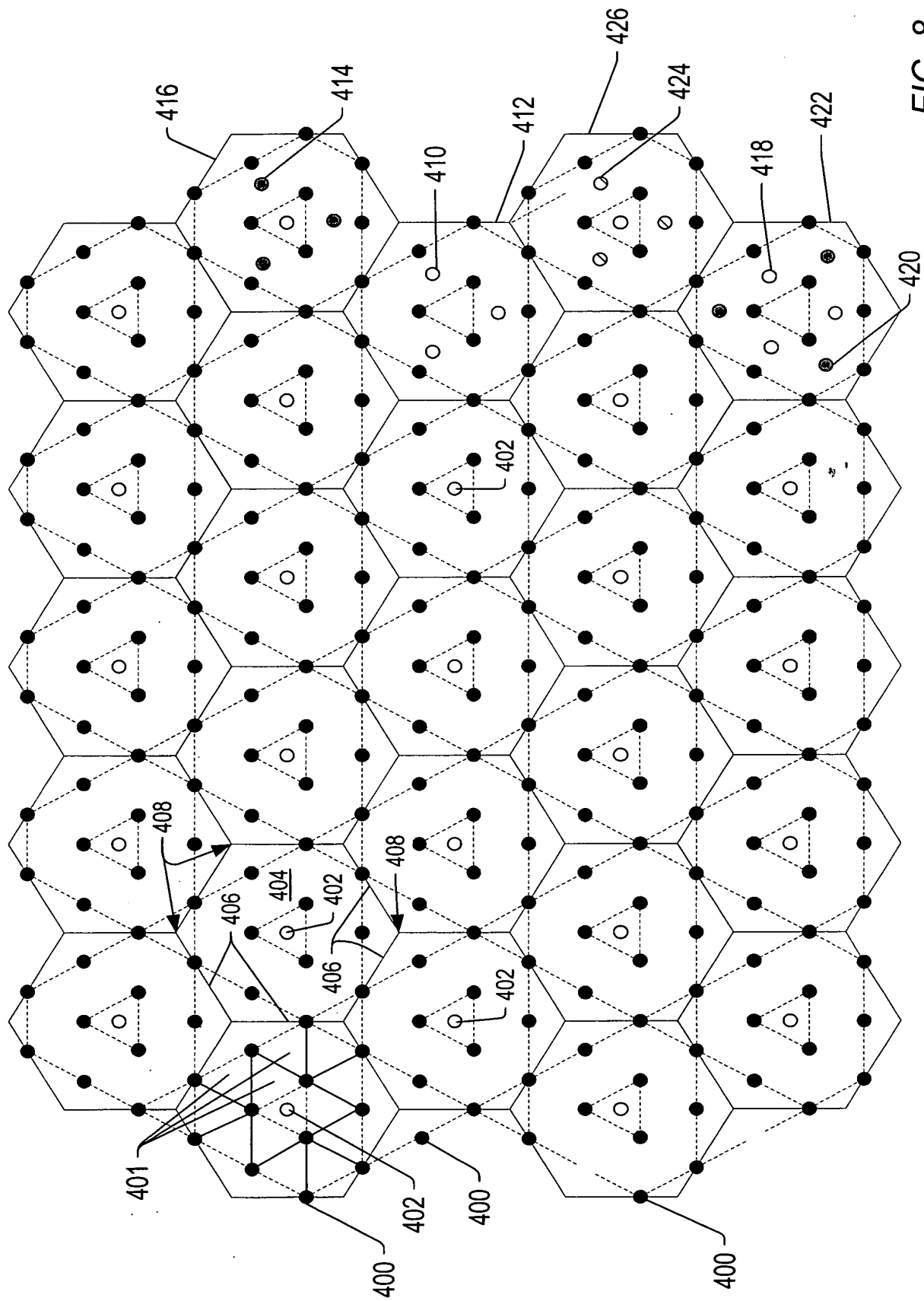


FIG. 8

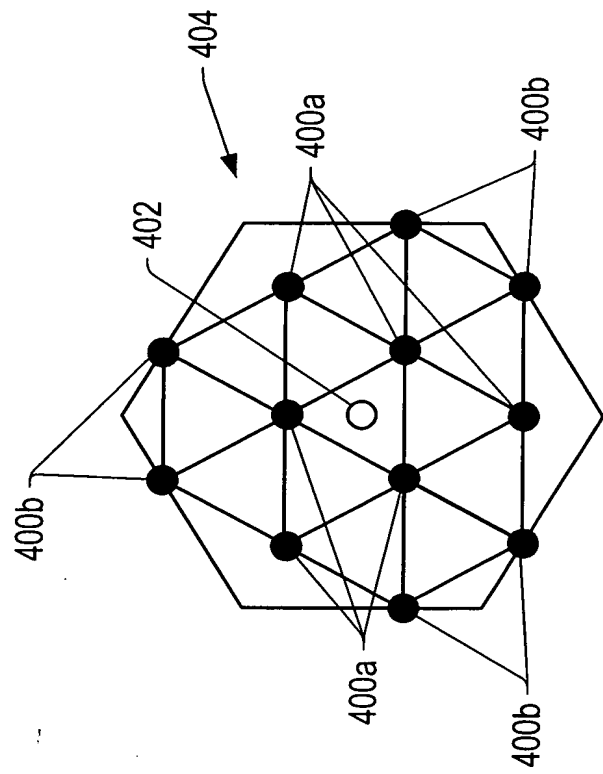


FIG. 9

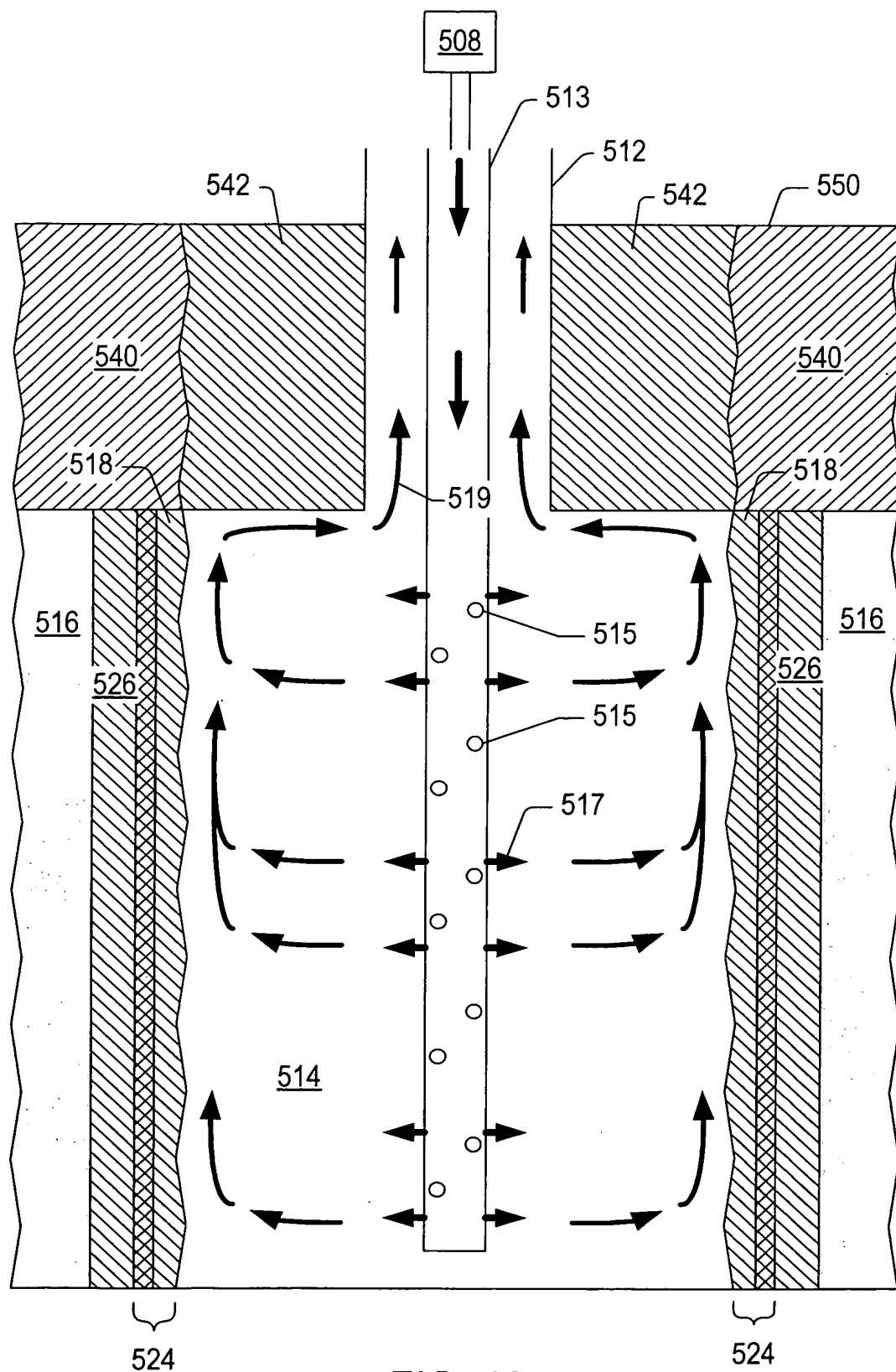


FIG. 10

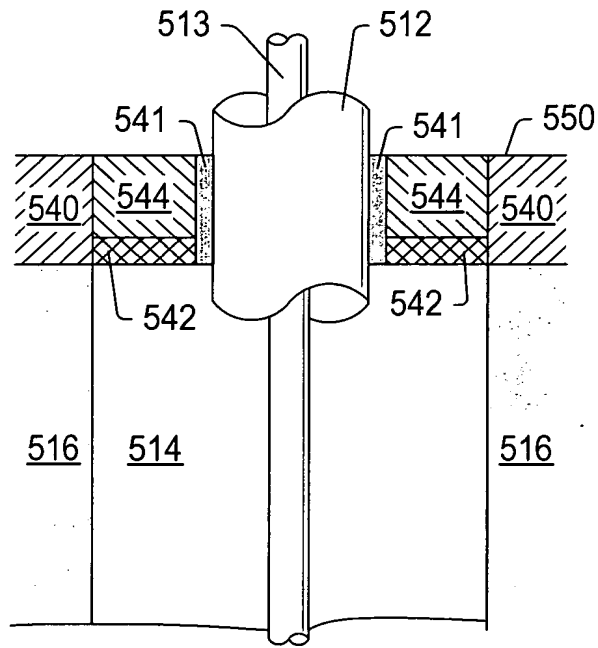


FIG. 11

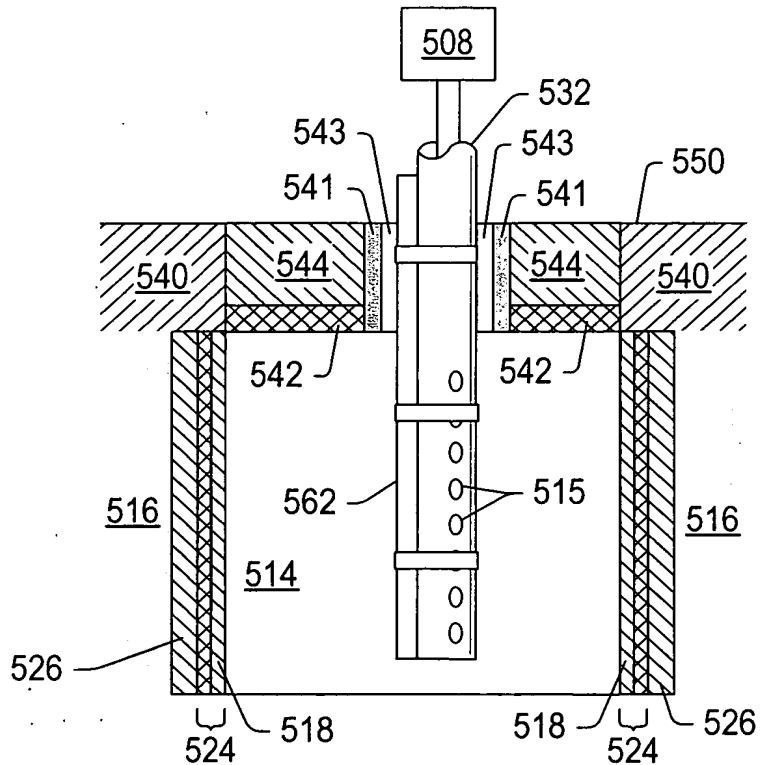


FIG. 12

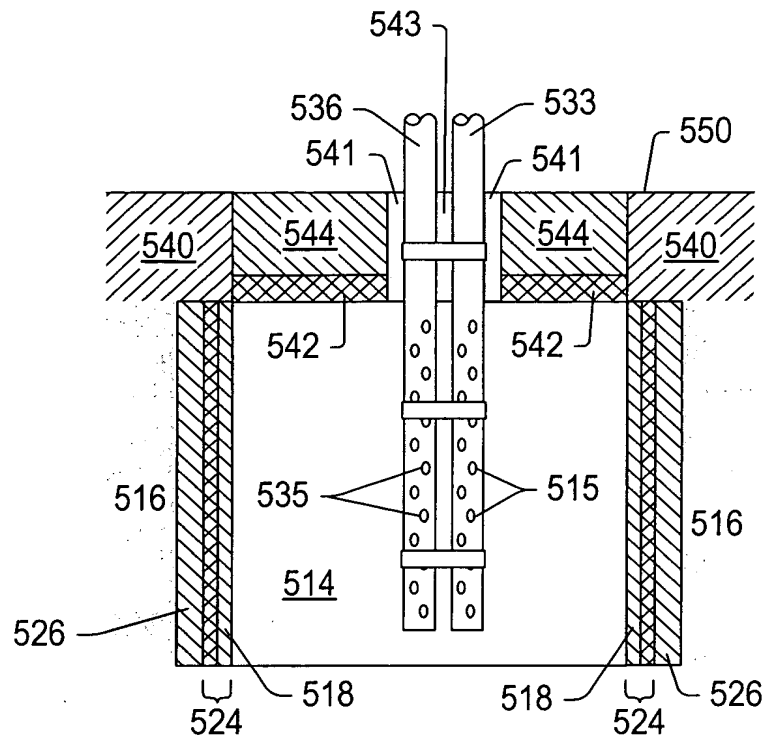


FIG. 13

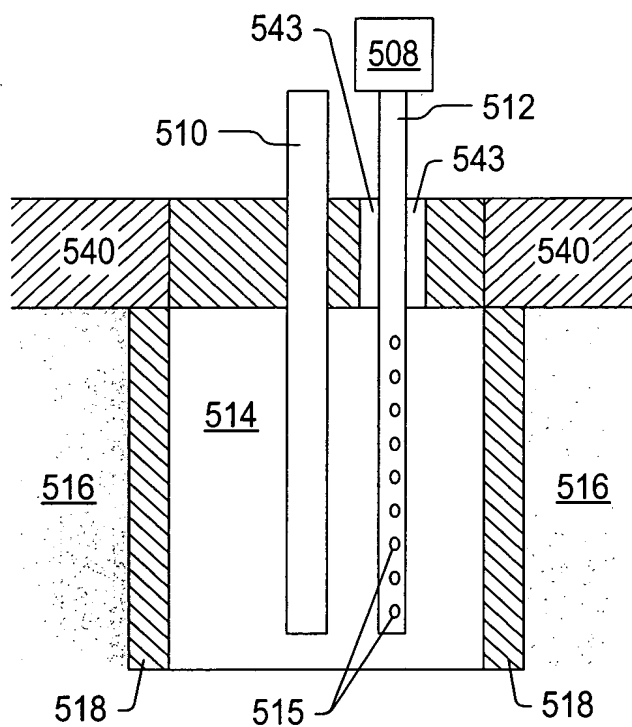


FIG. 14

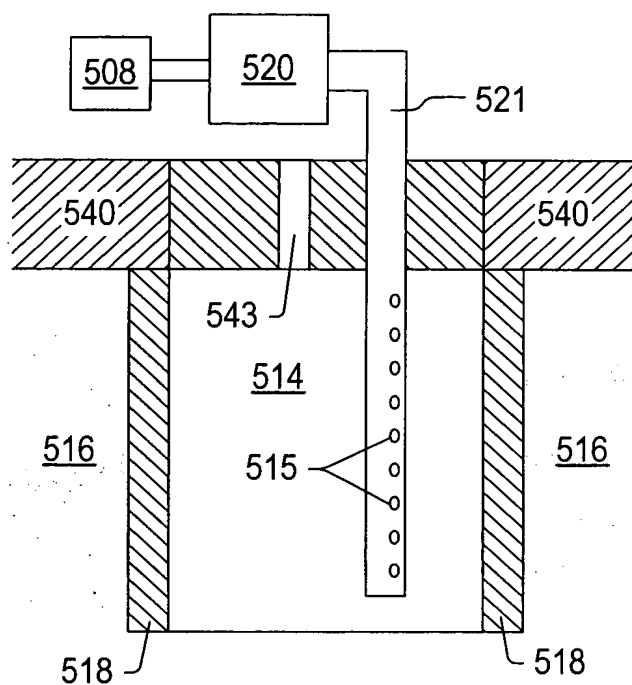


FIG. 15

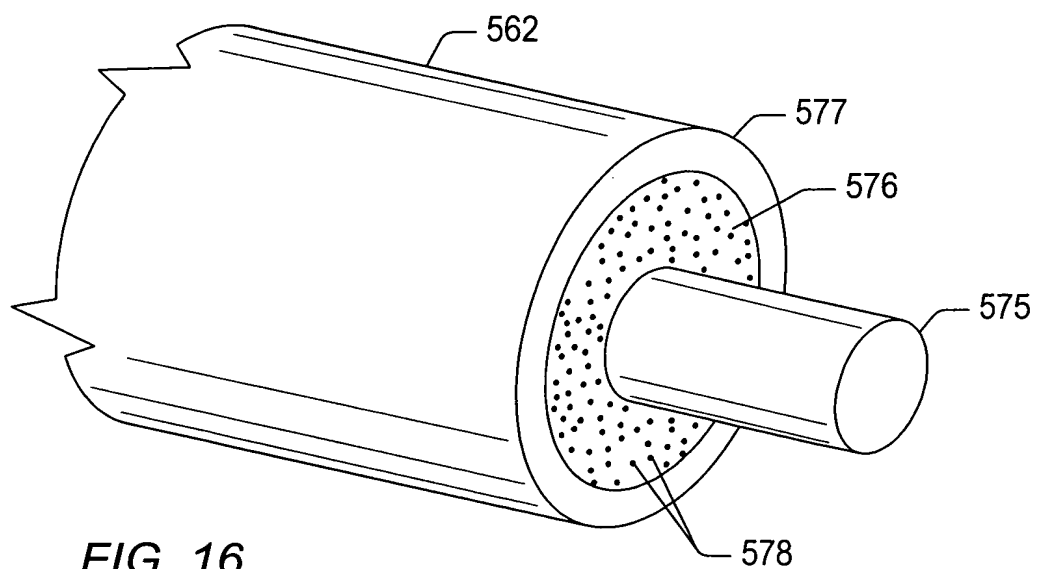


FIG. 16

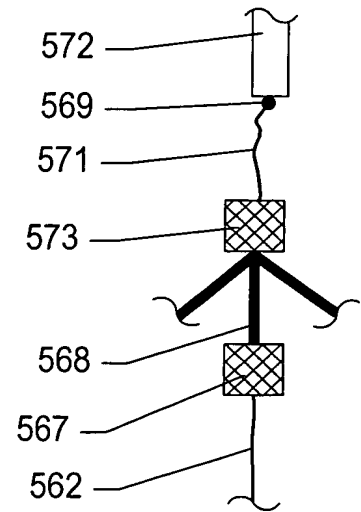
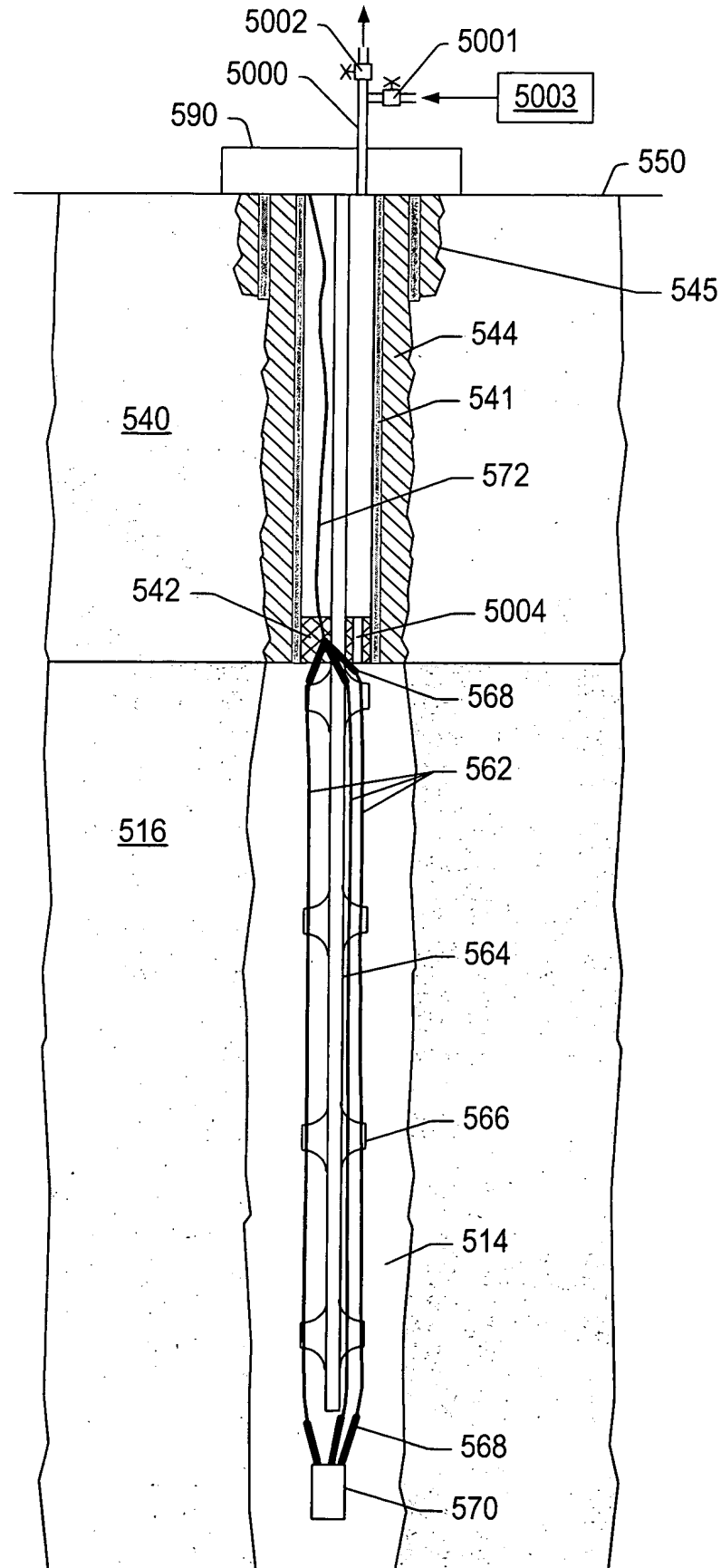


FIG. 17A

FIG. 17

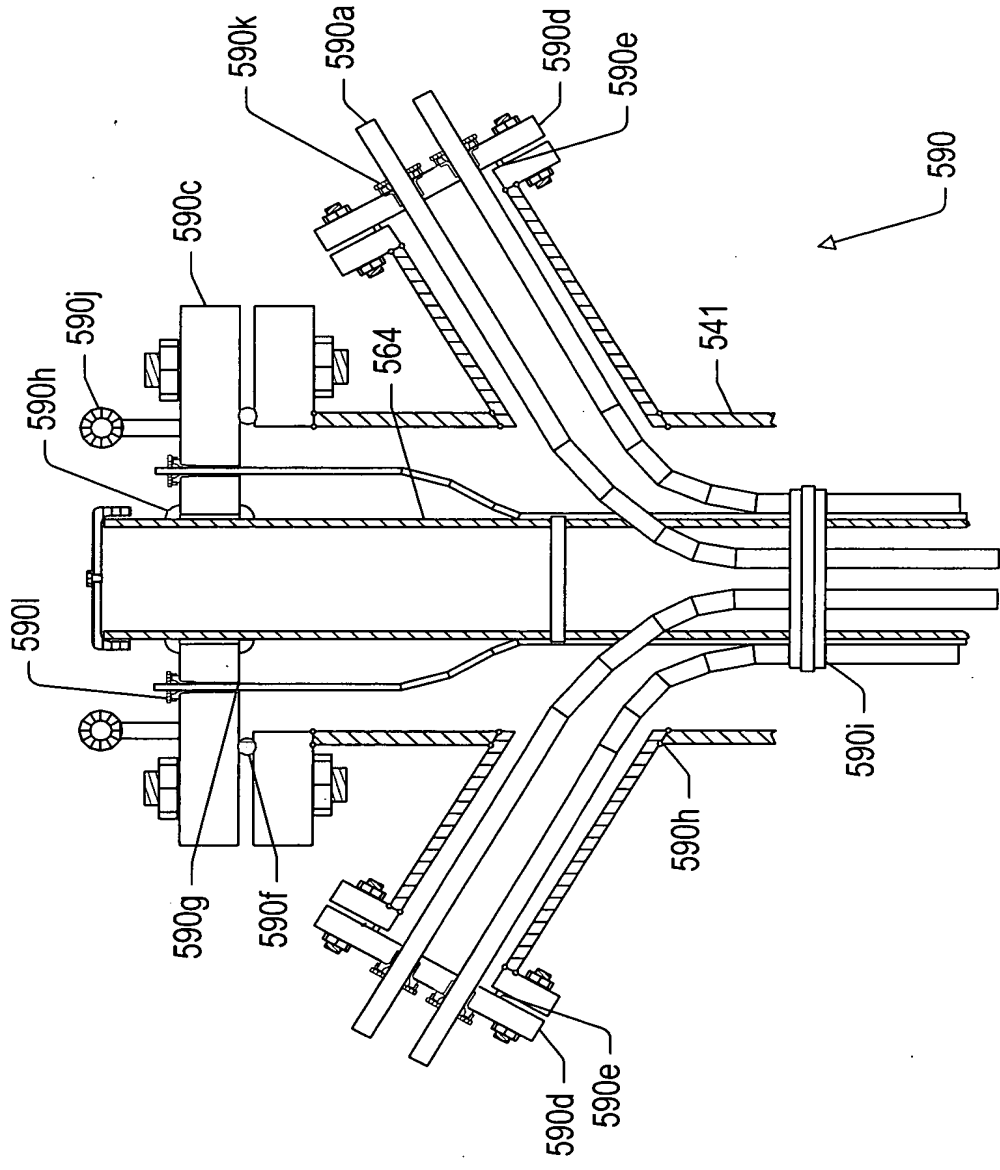


FIG. 18



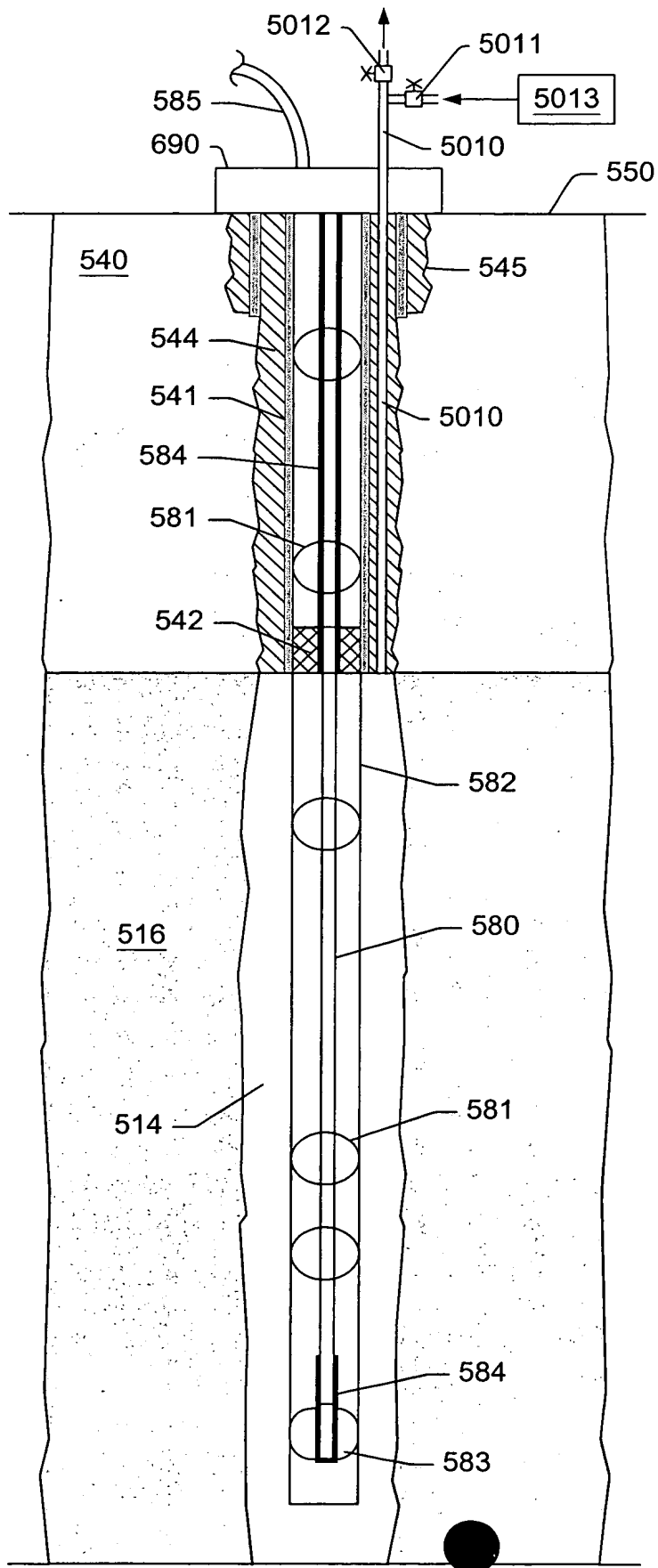


FIG. 19

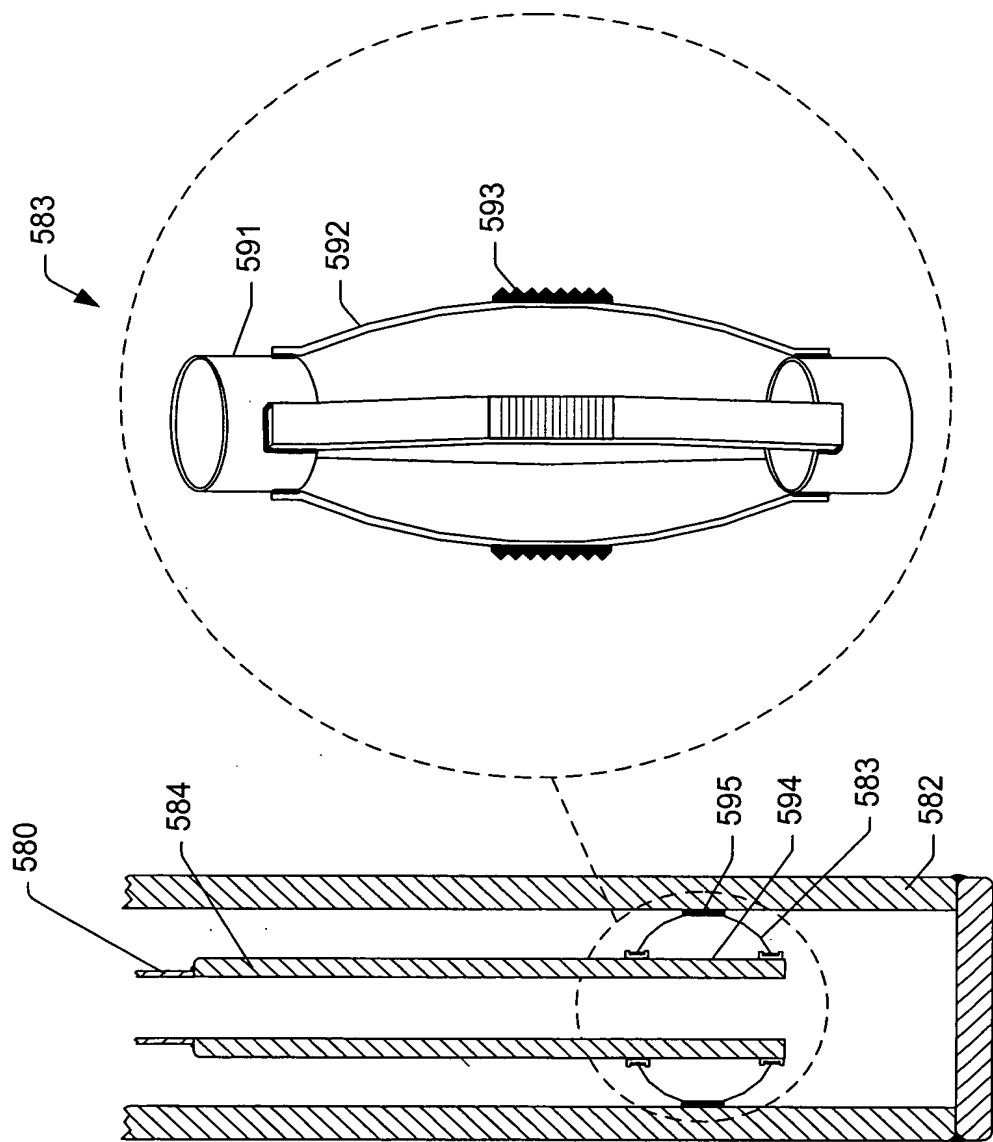


FIG. 20

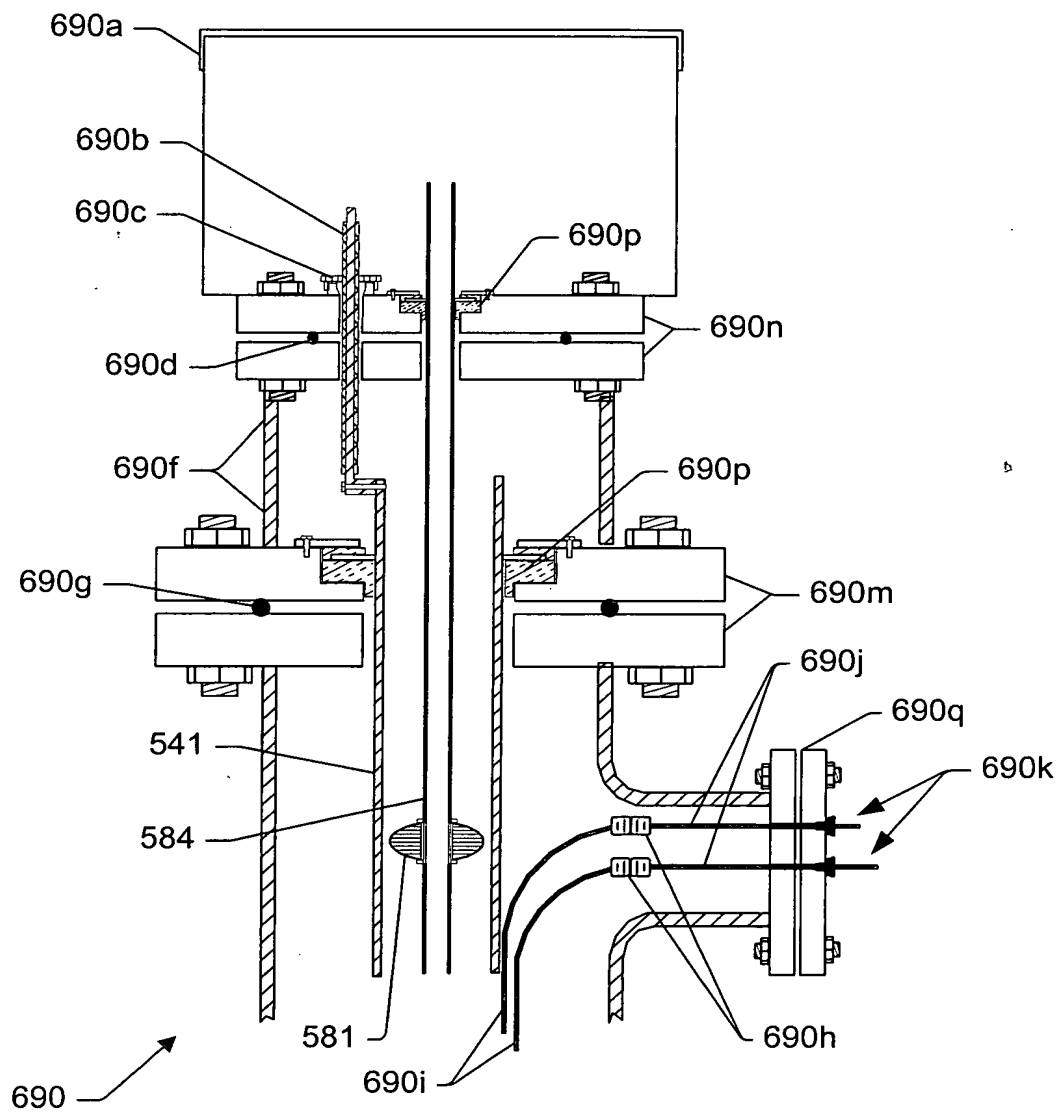


FIG. 21

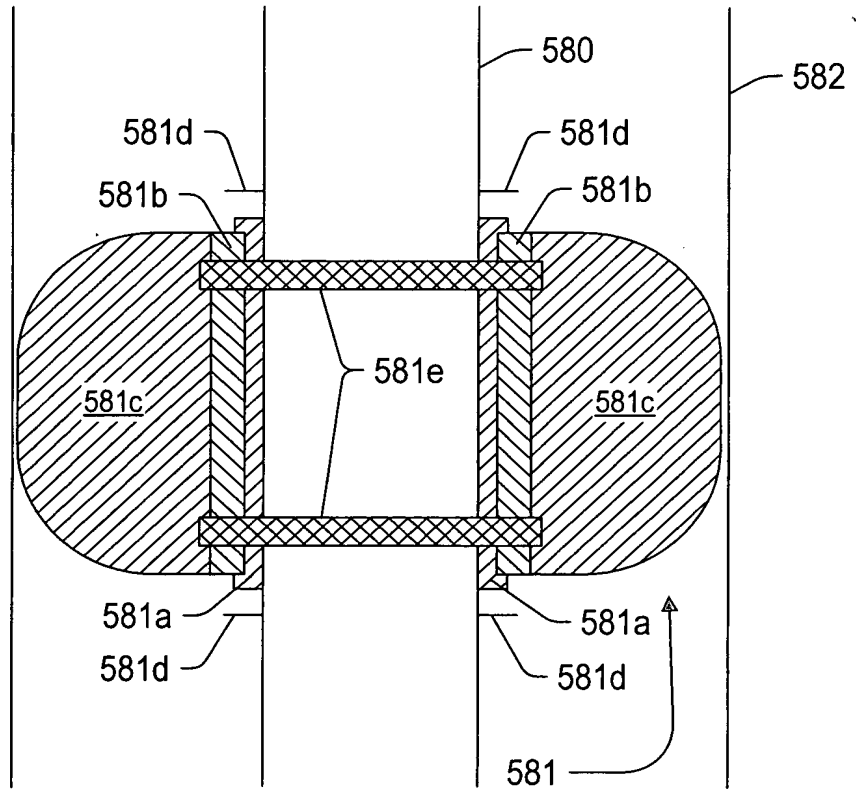


FIG. 22

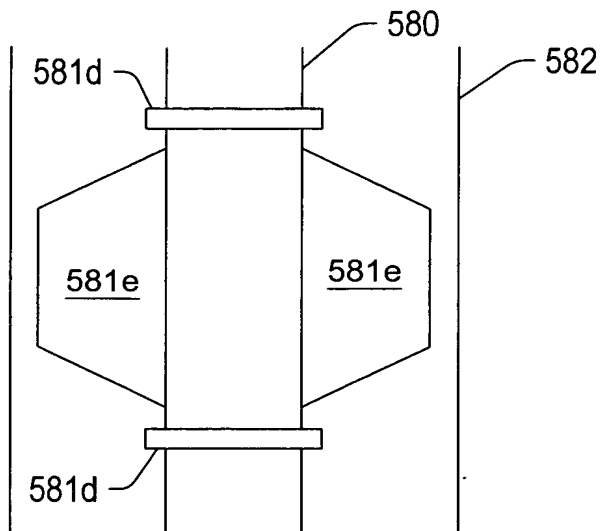


FIG. 23a

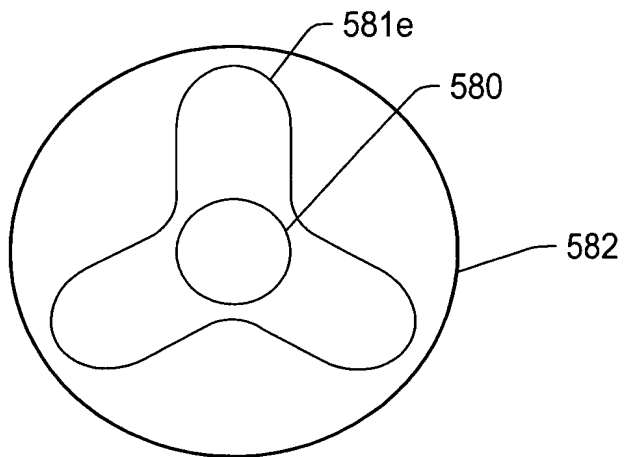


FIG. 23b

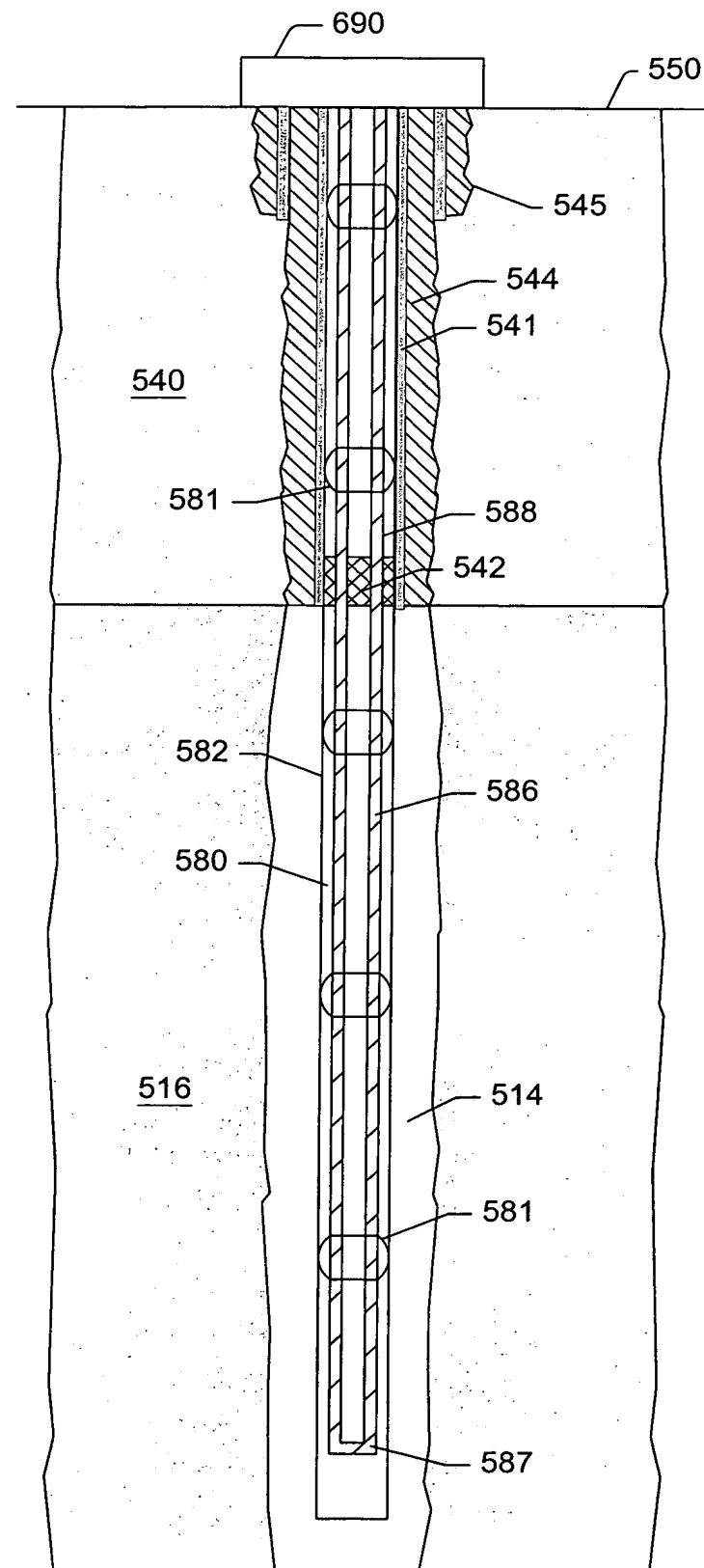


Fig. 24

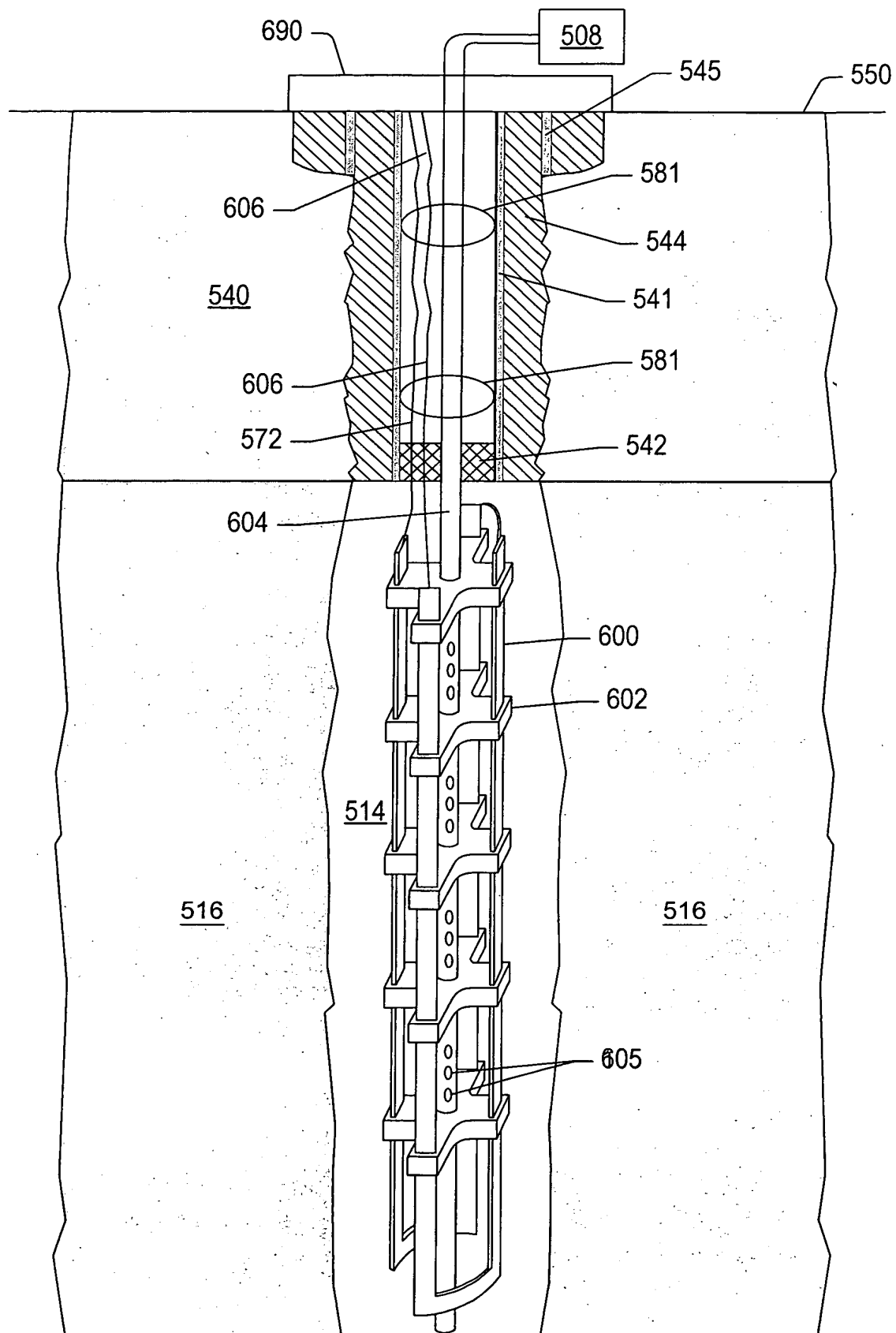


FIG. 25

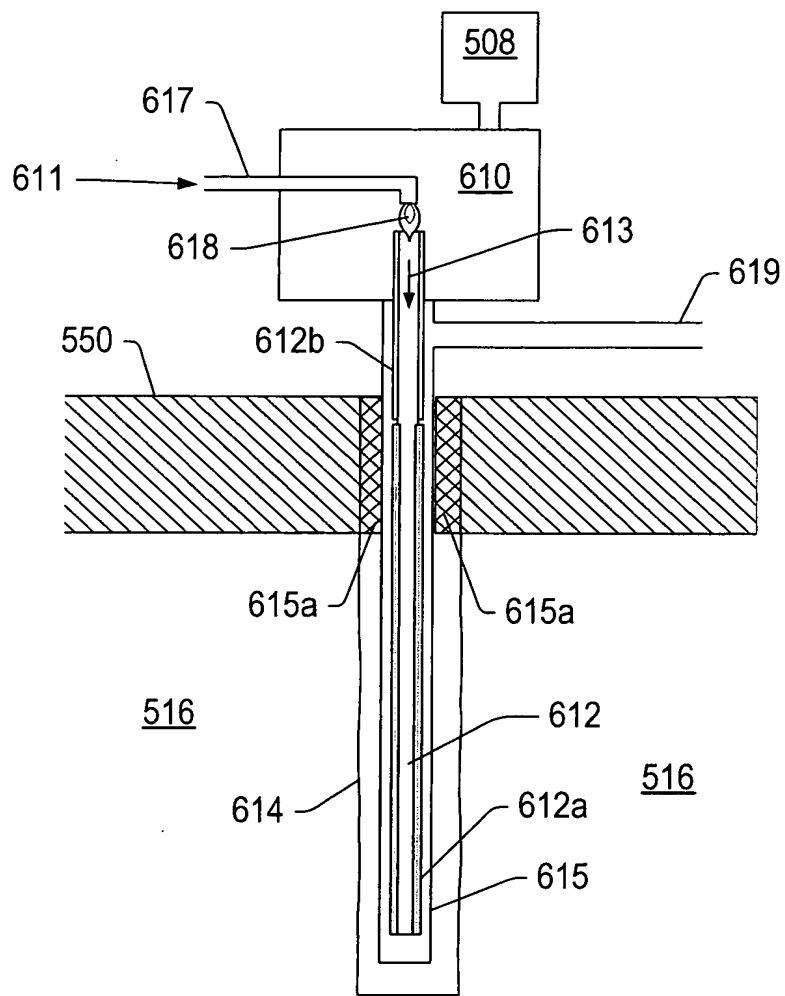


FIG. 26

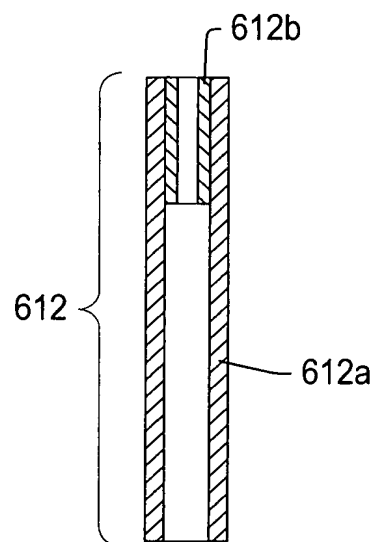


FIG. 27



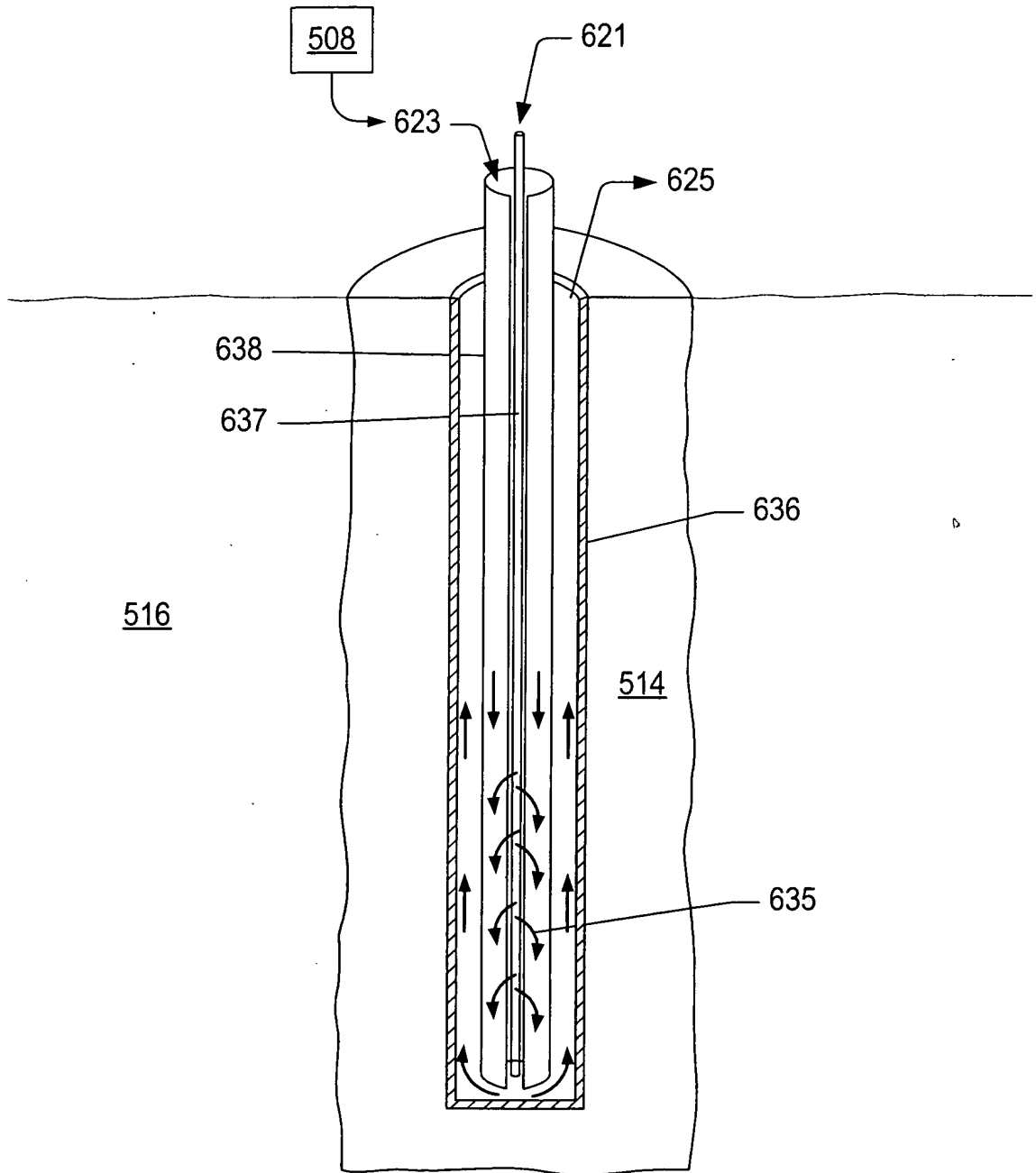


FIG. 28

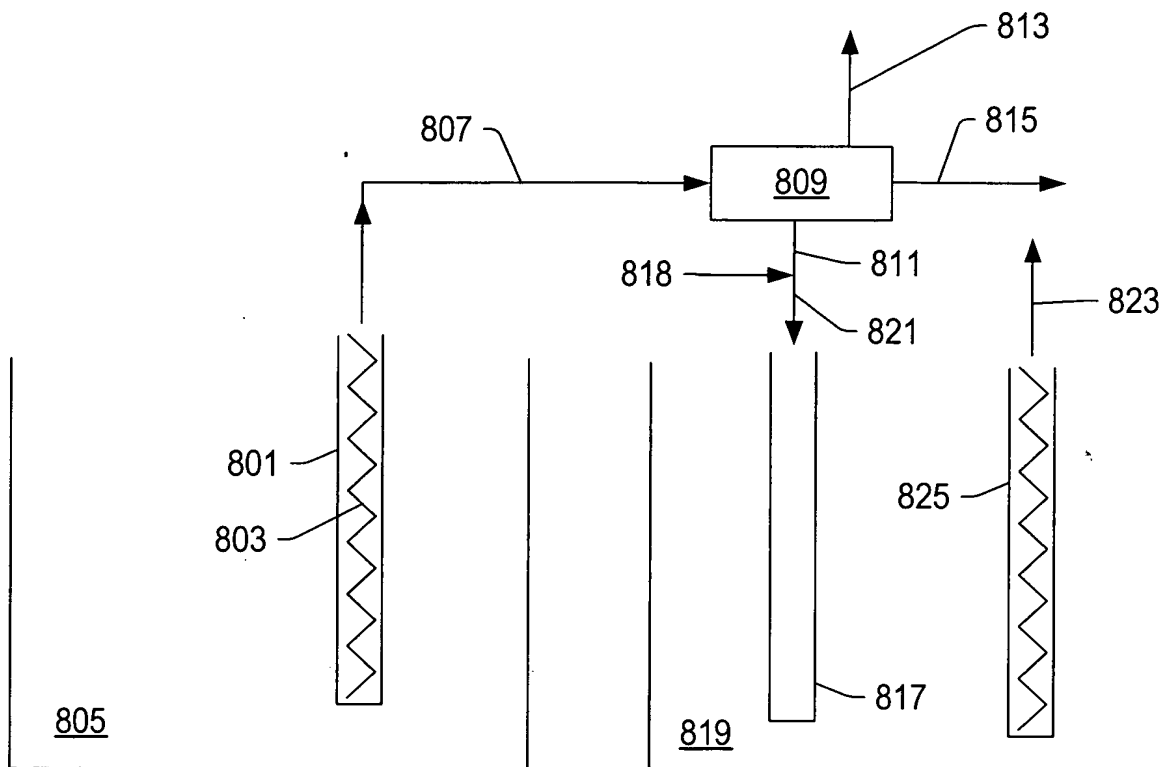


FIG. 29

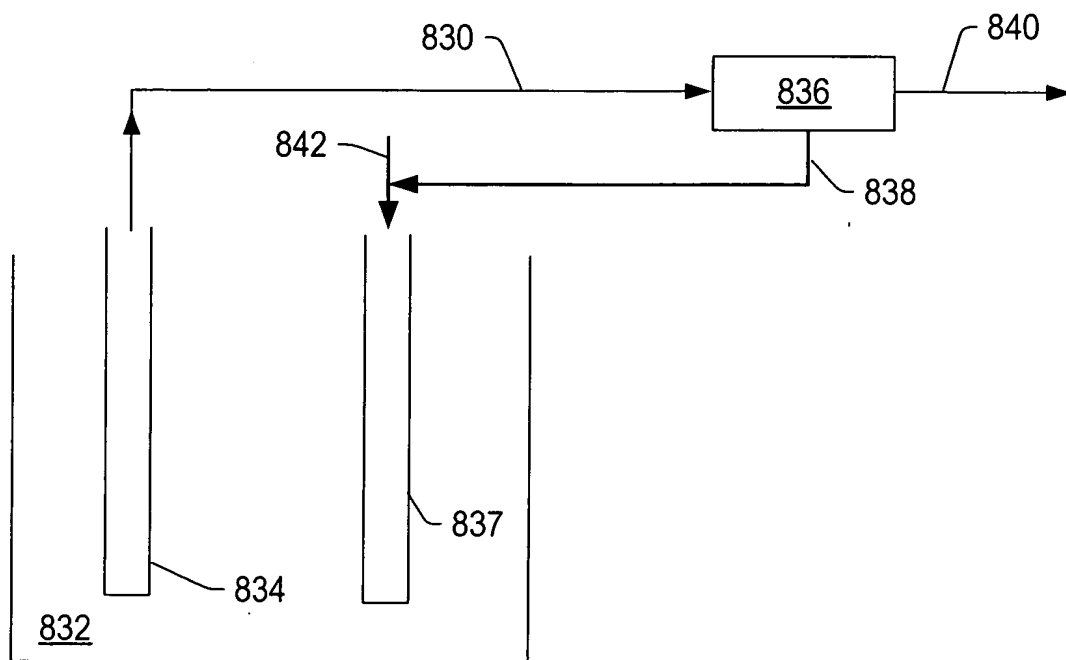


FIG. 30

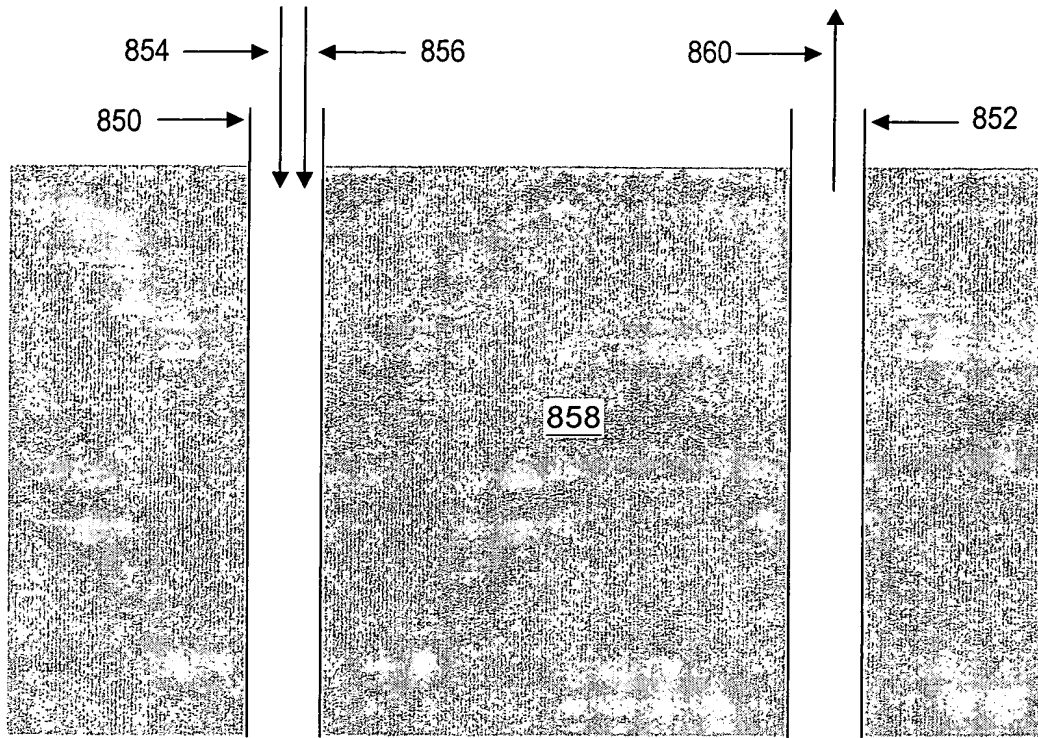


FIG. 31

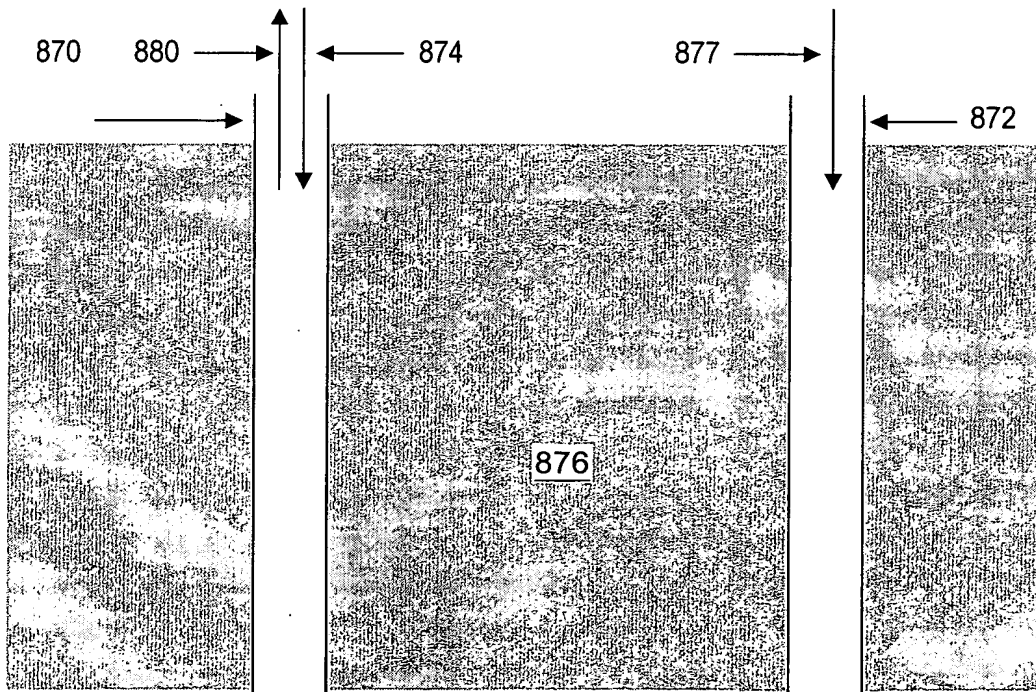


FIG. 32

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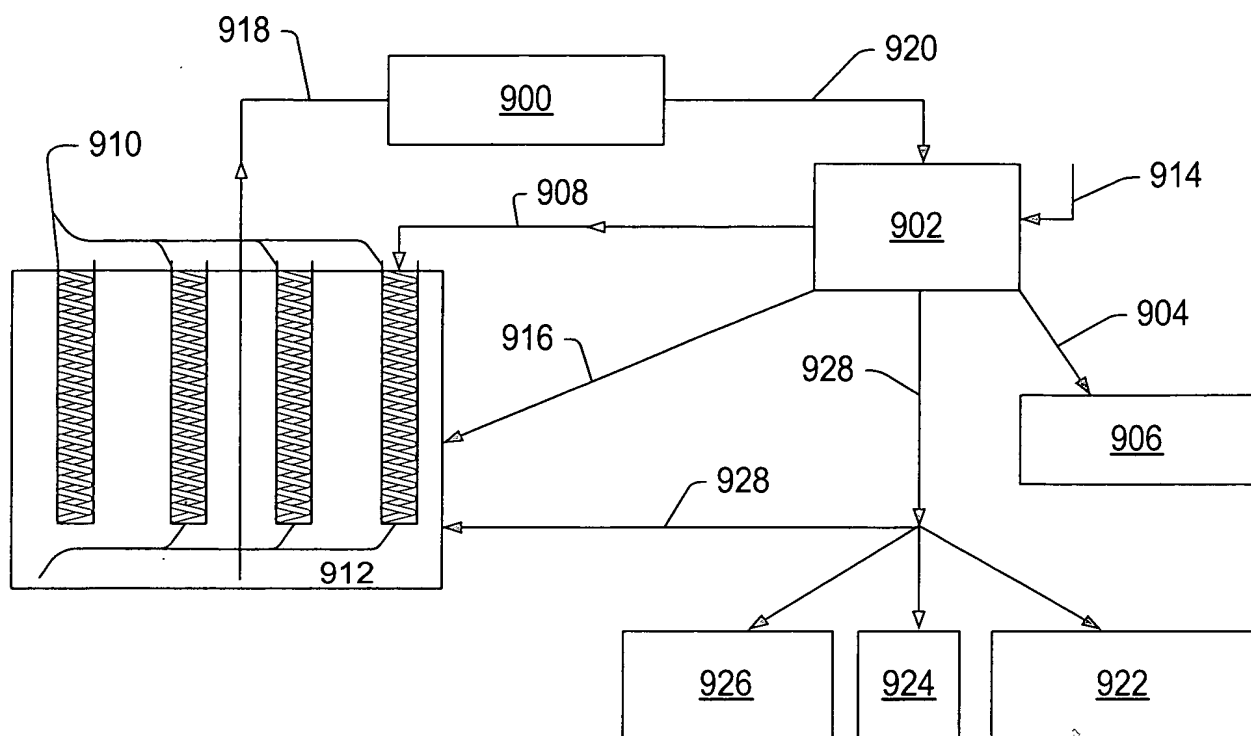


FIG. 33

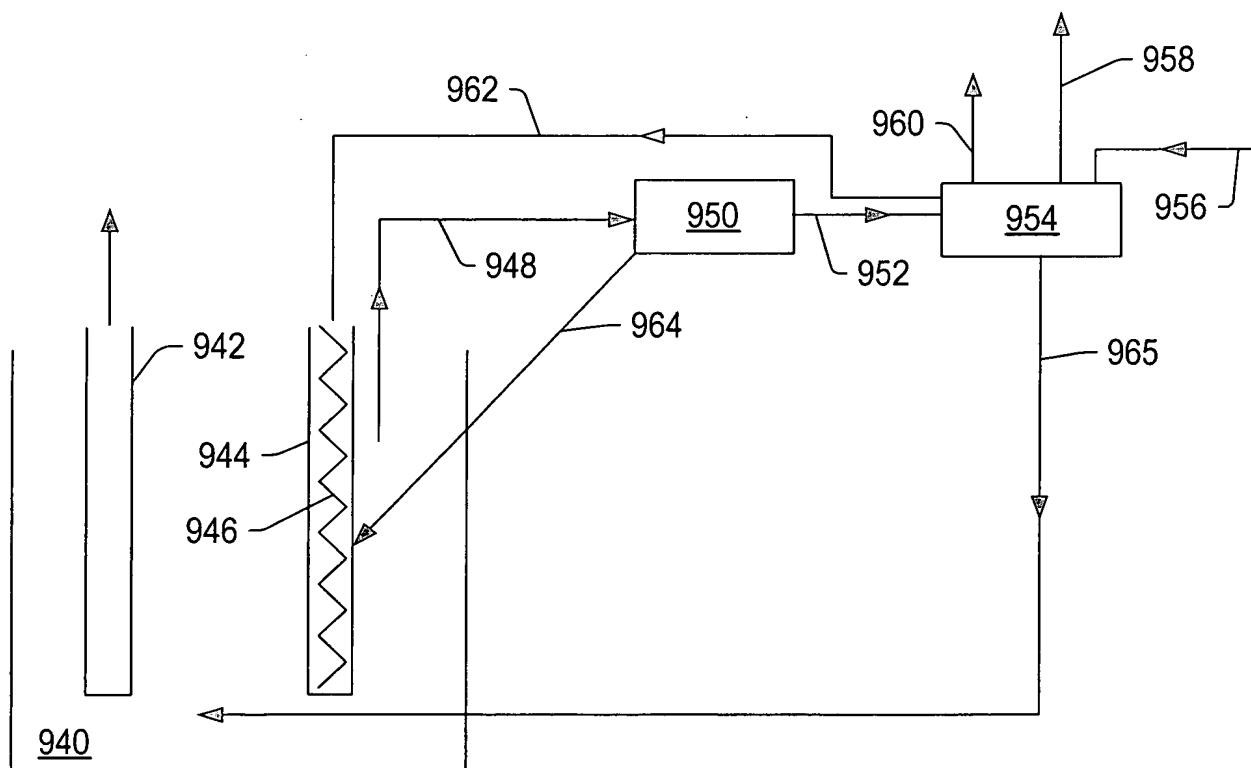


FIG. 34

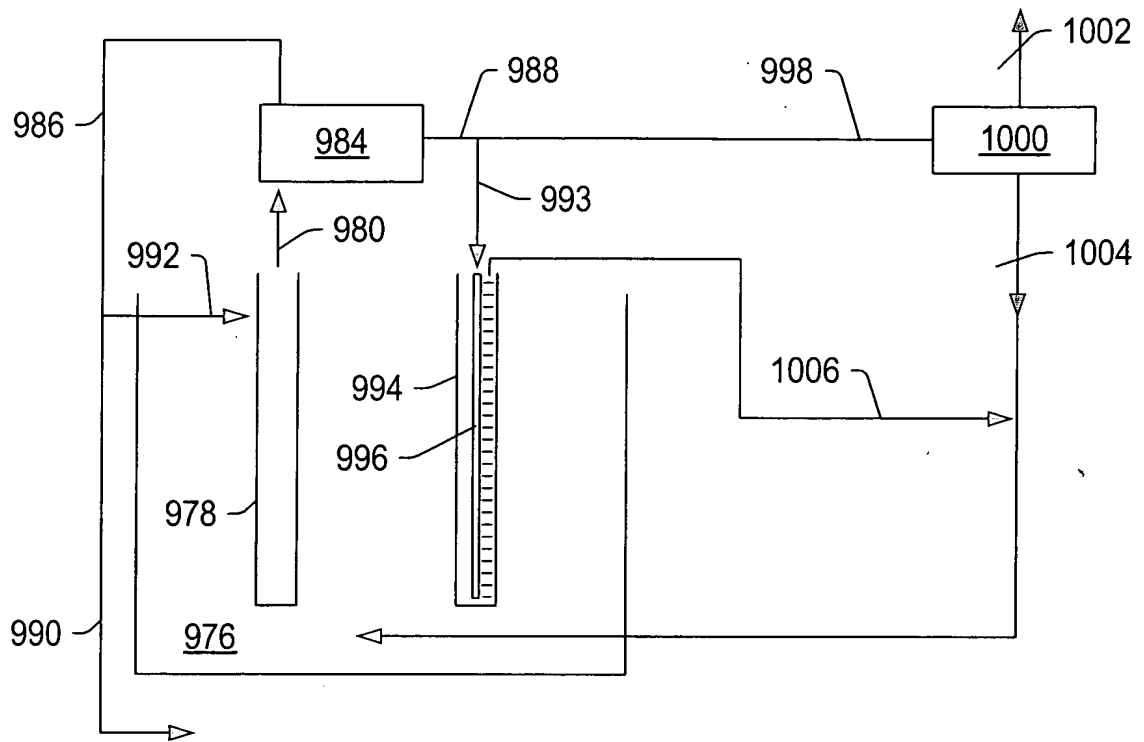


FIG. 35

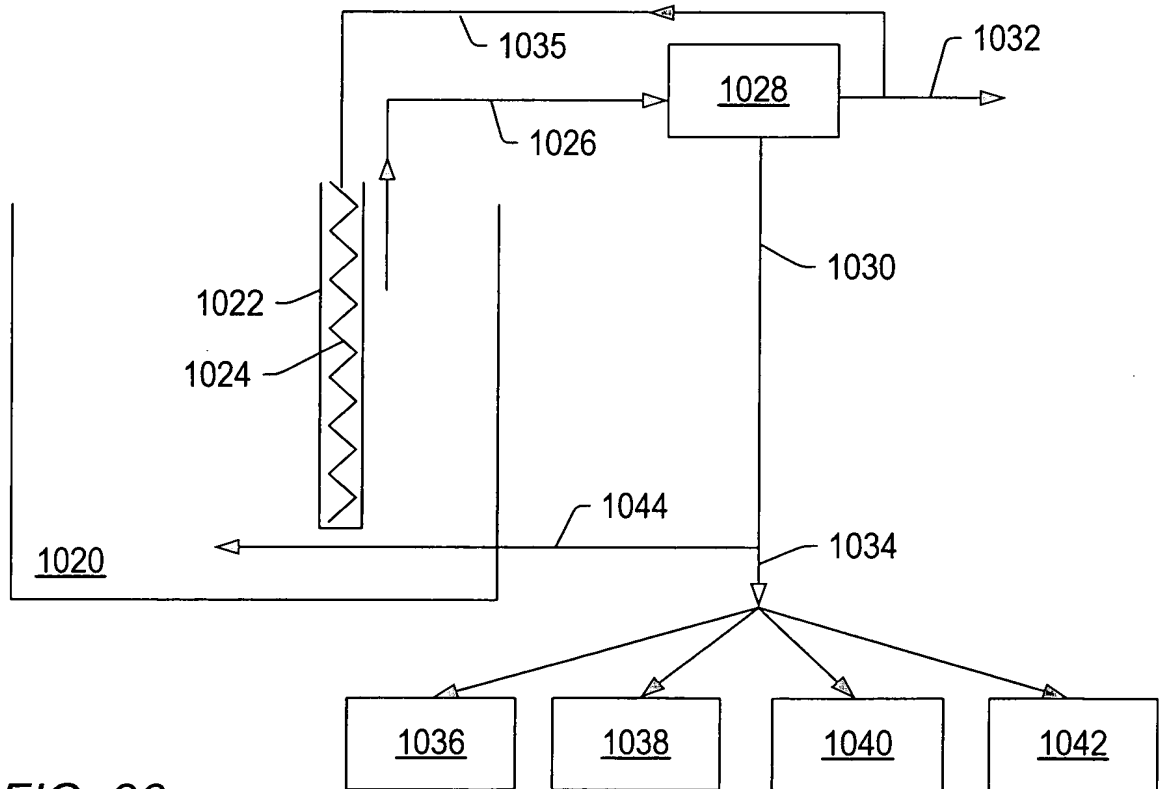


FIG. 36

```
graph LR; 1100[1100] -- 1098 --> 1096[1096]; 1096 -- 1102 --> 1106[1106]; 1106 -- 1108 --> Out[ ]; 1090[1090] -- 1094 --> 1096; 1096 -- 1104 --> 1092[1092]; 1092 -- 1092 --> 1090;
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FIG. 38

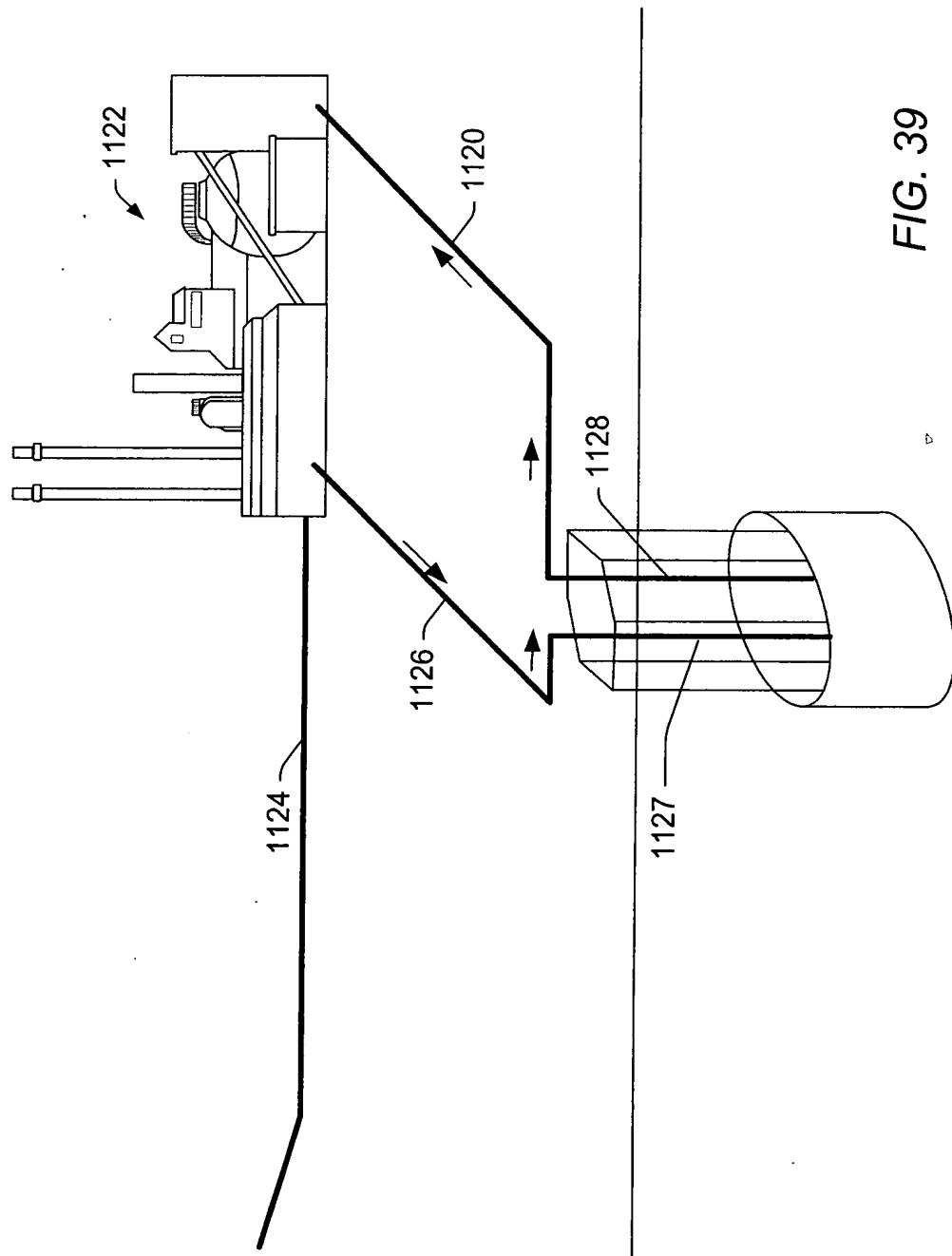


FIG. 39

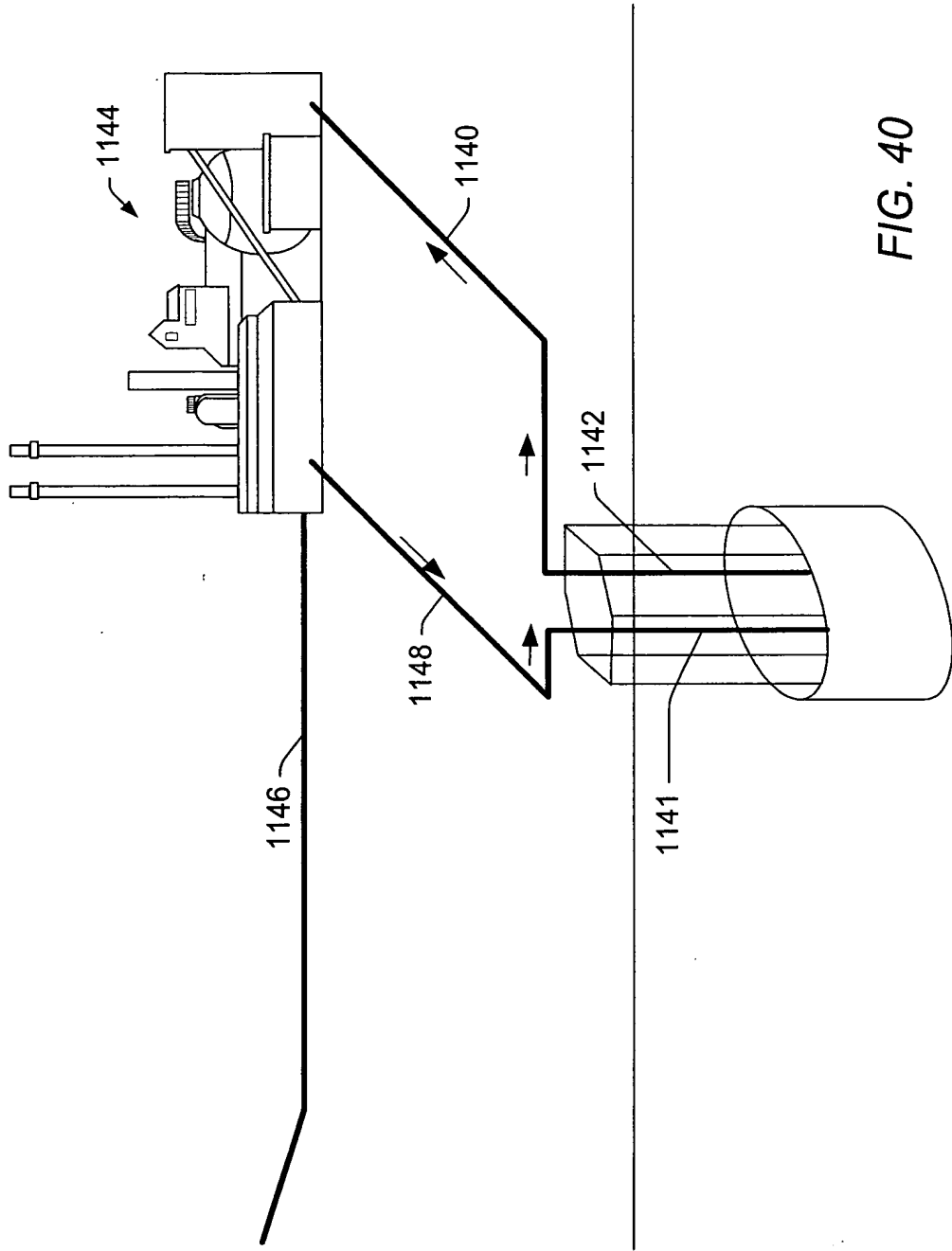


FIG. 40



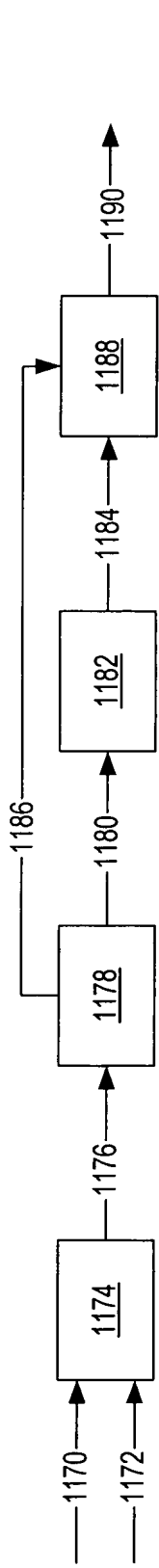


FIG. 41

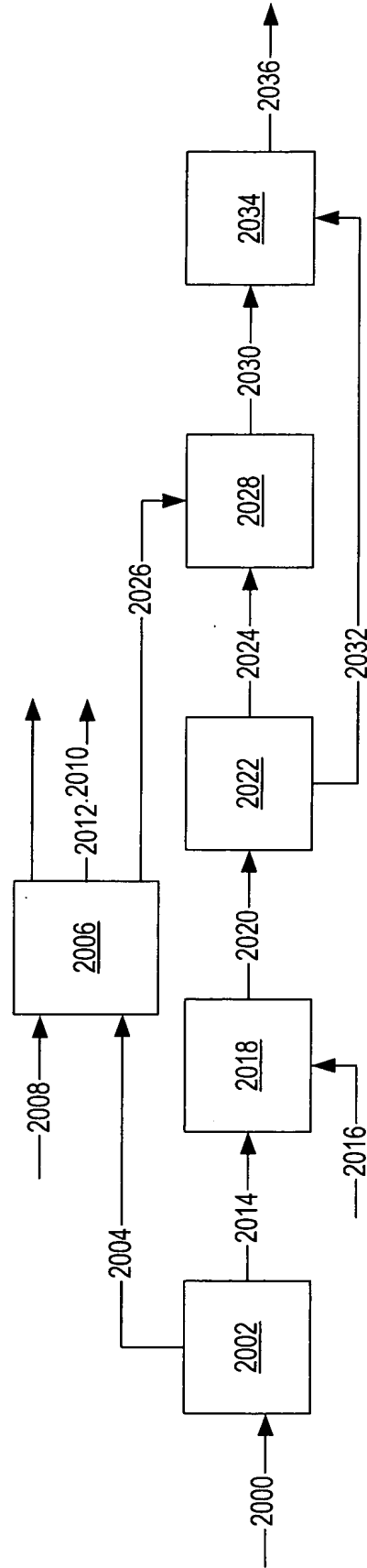


FIG. 42

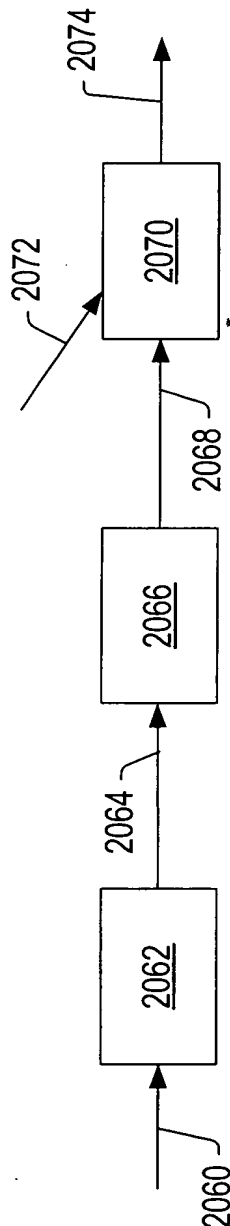
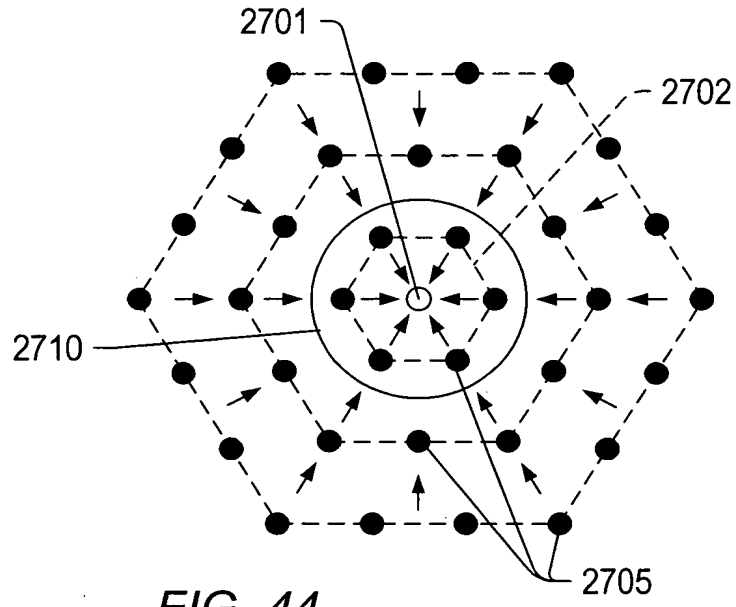


FIG. 43



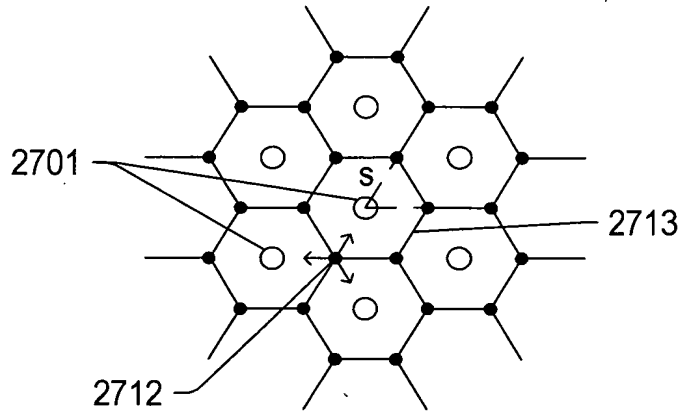


FIG. 45

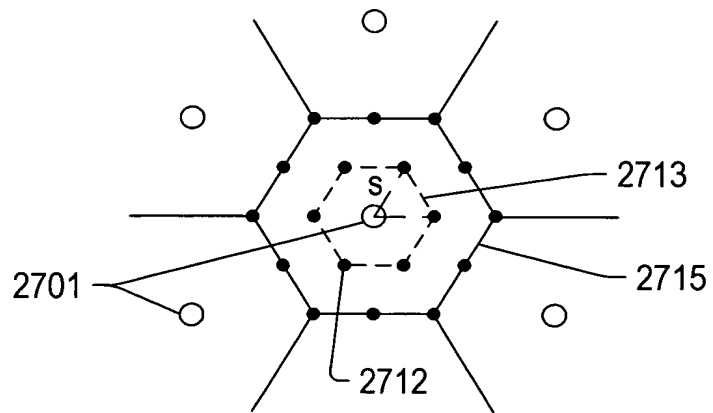


FIG. 46

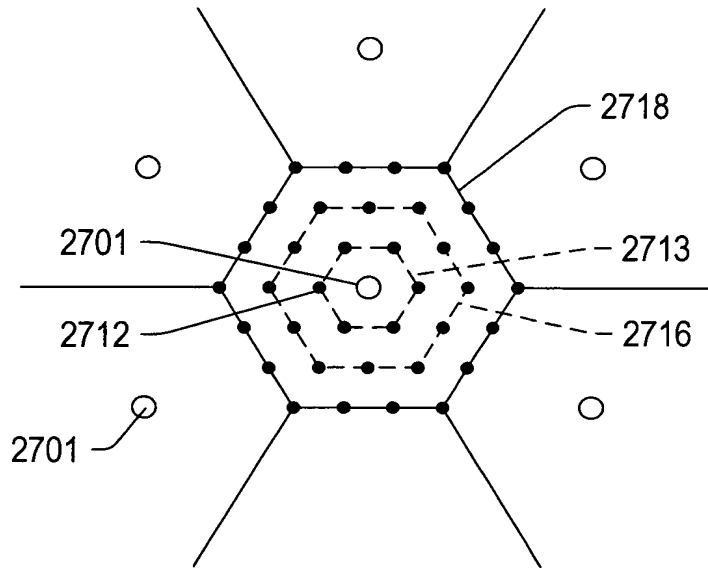


FIG. 47

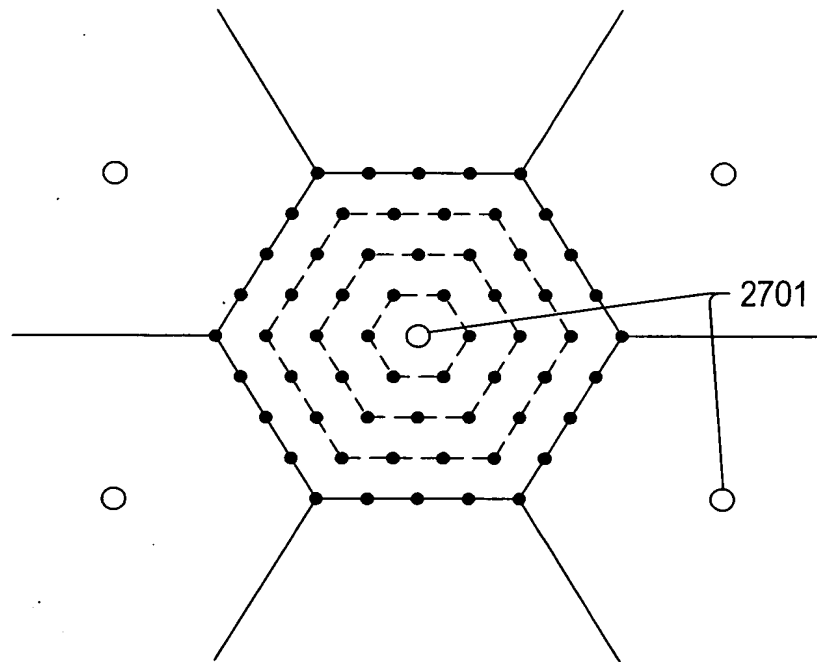


FIG. 48

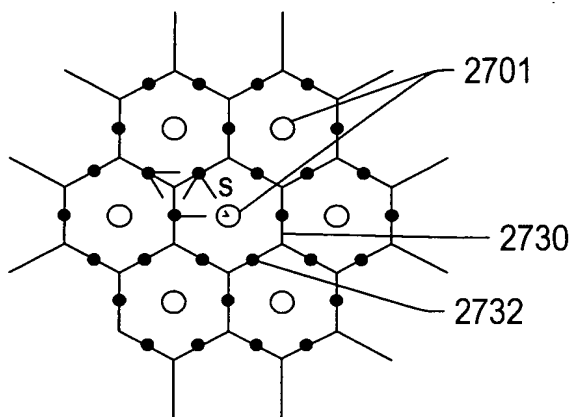


FIG. 49

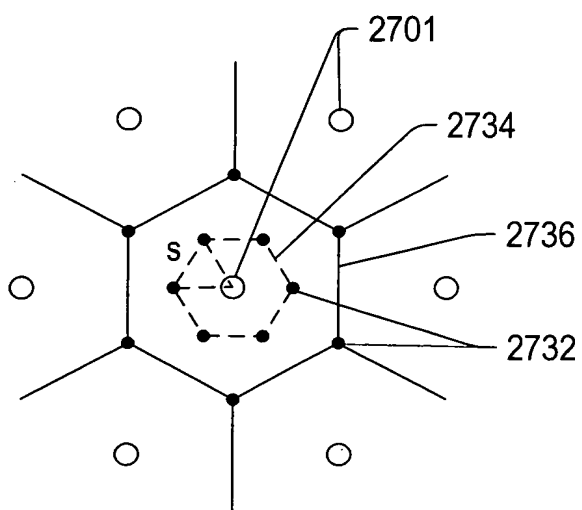
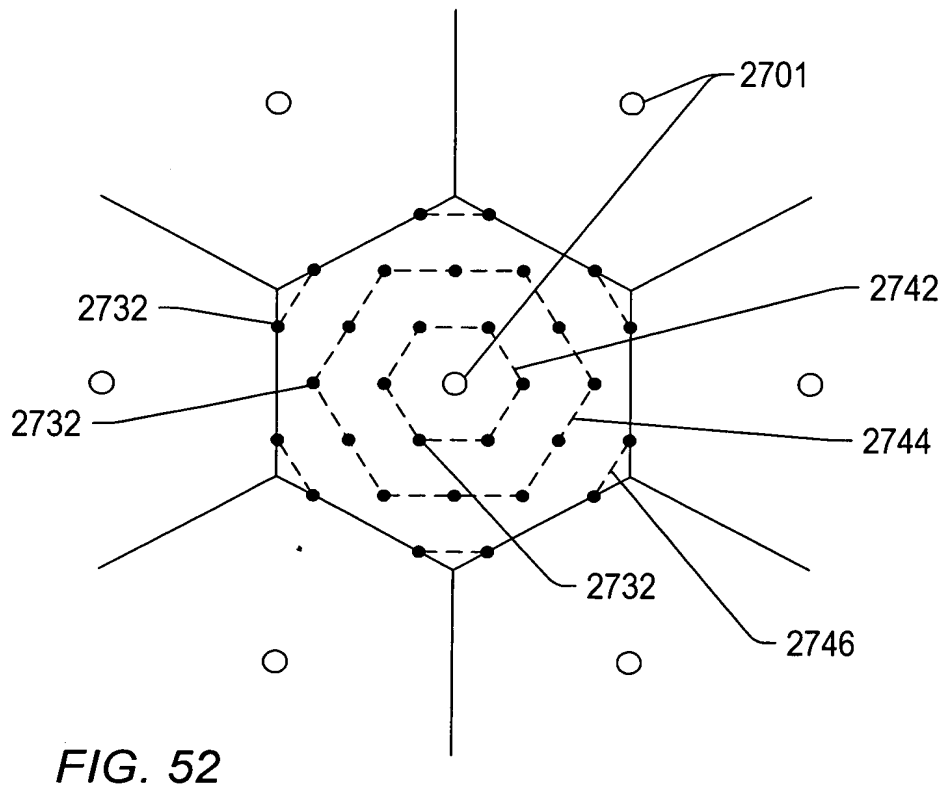
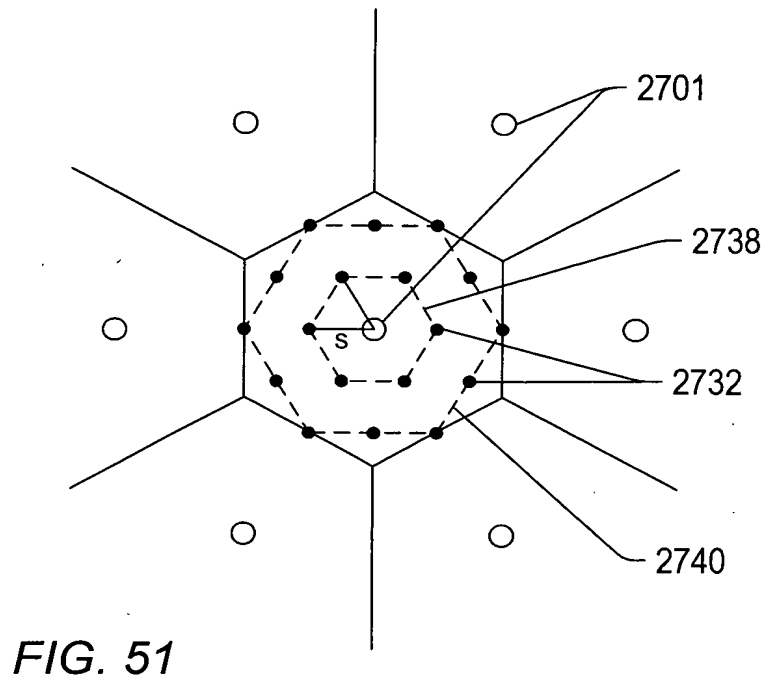


FIG. 50



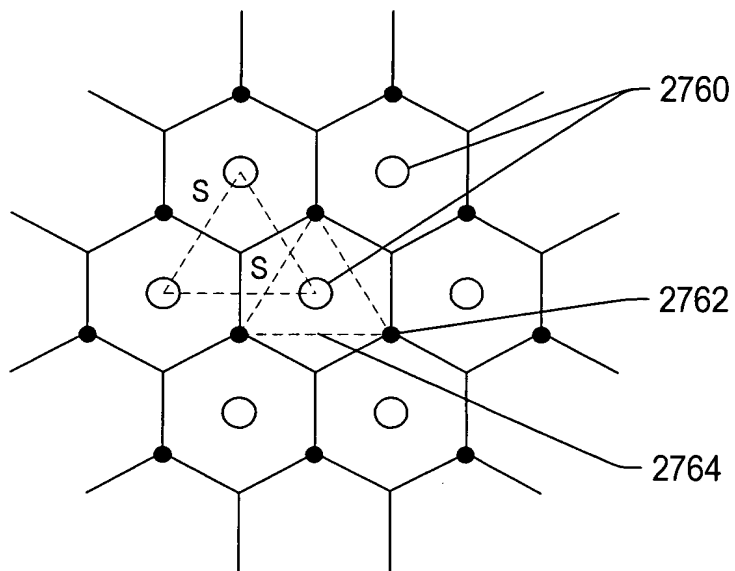


FIG. 53

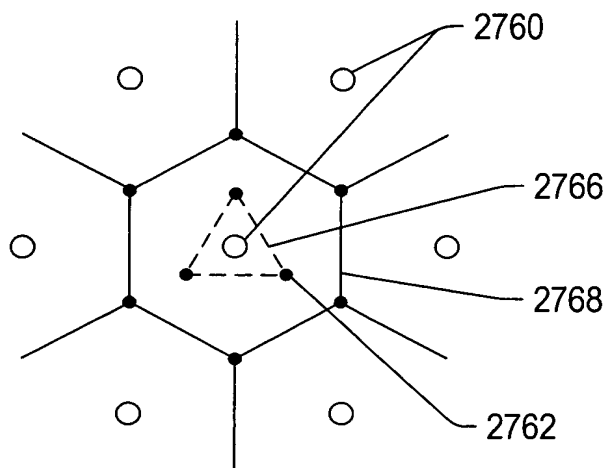


FIG. 54

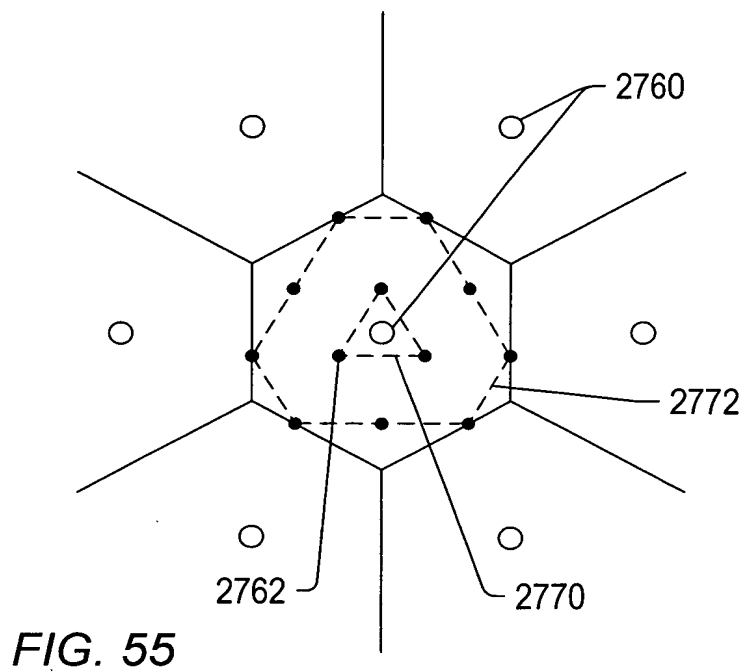


FIG. 55

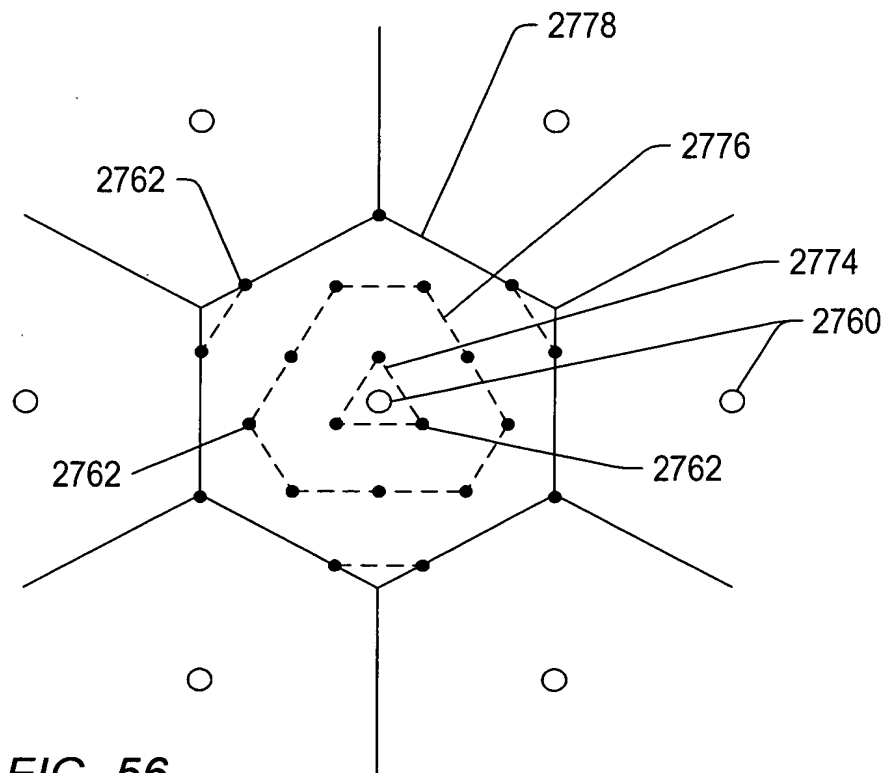


FIG. 56



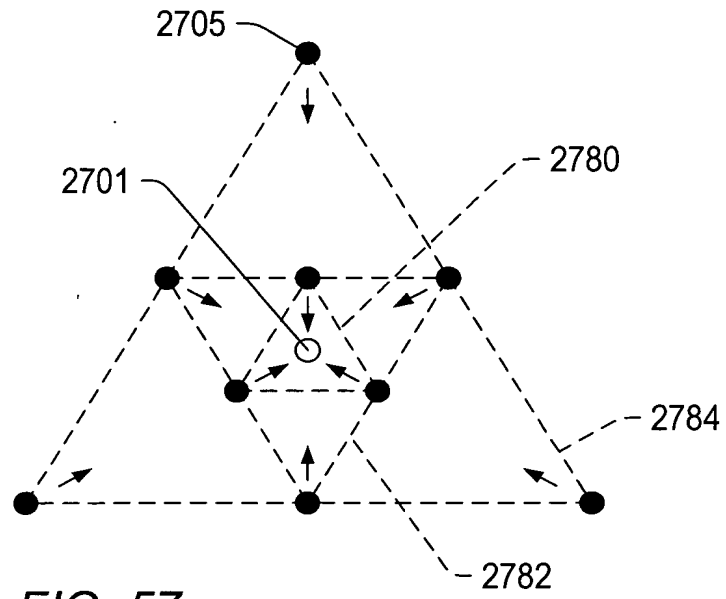


FIG. 57

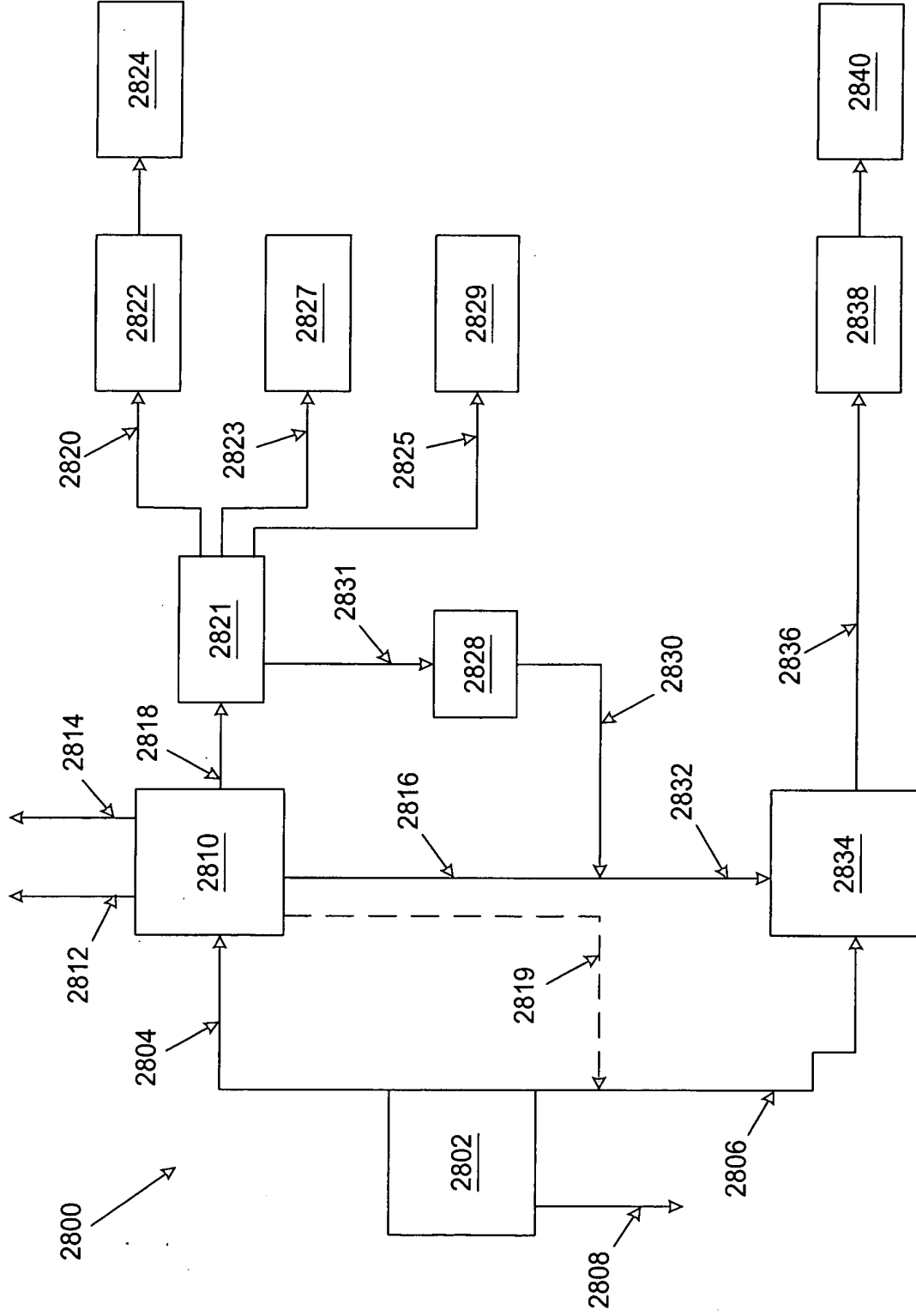
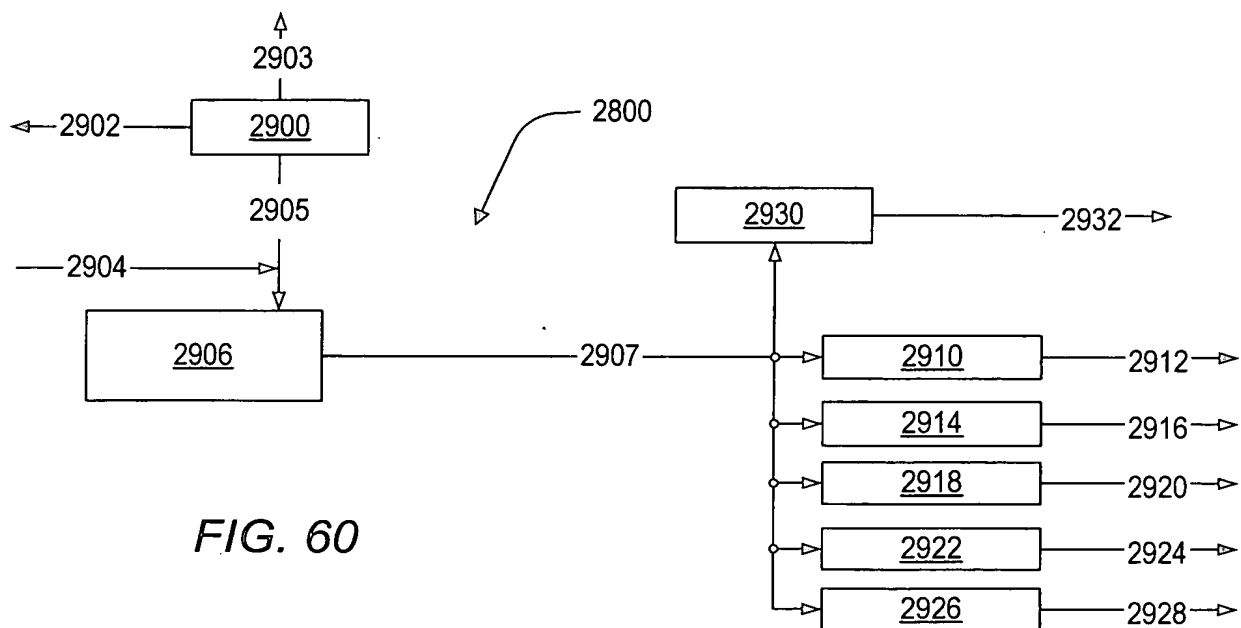
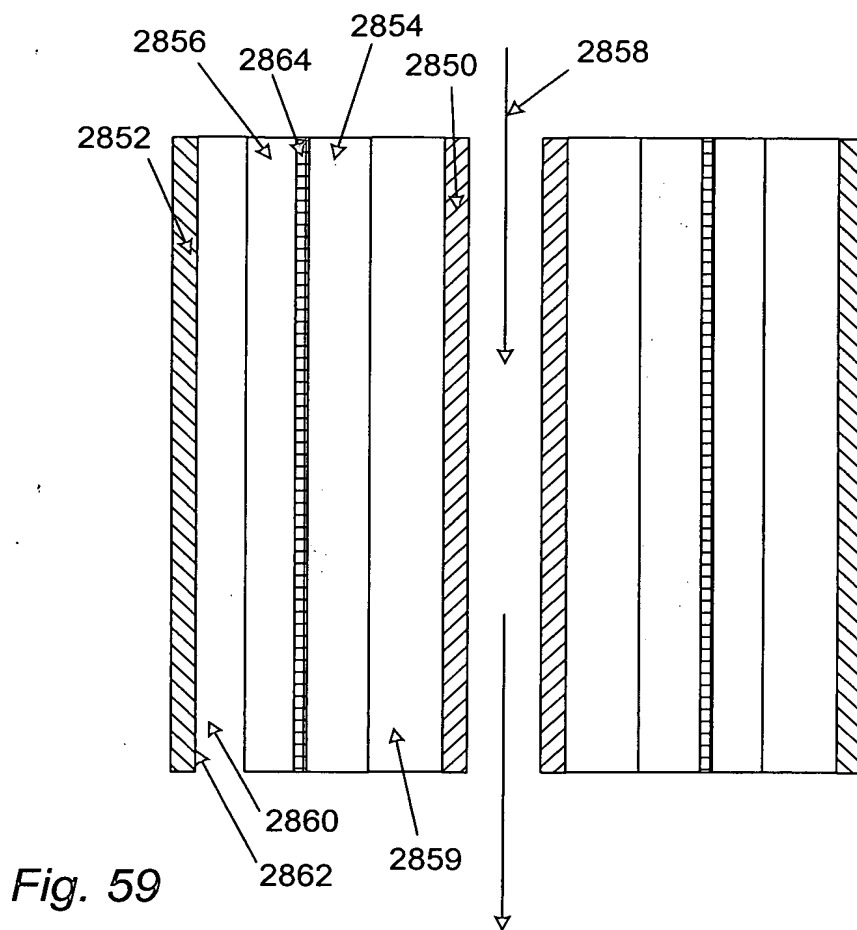


Fig. 58



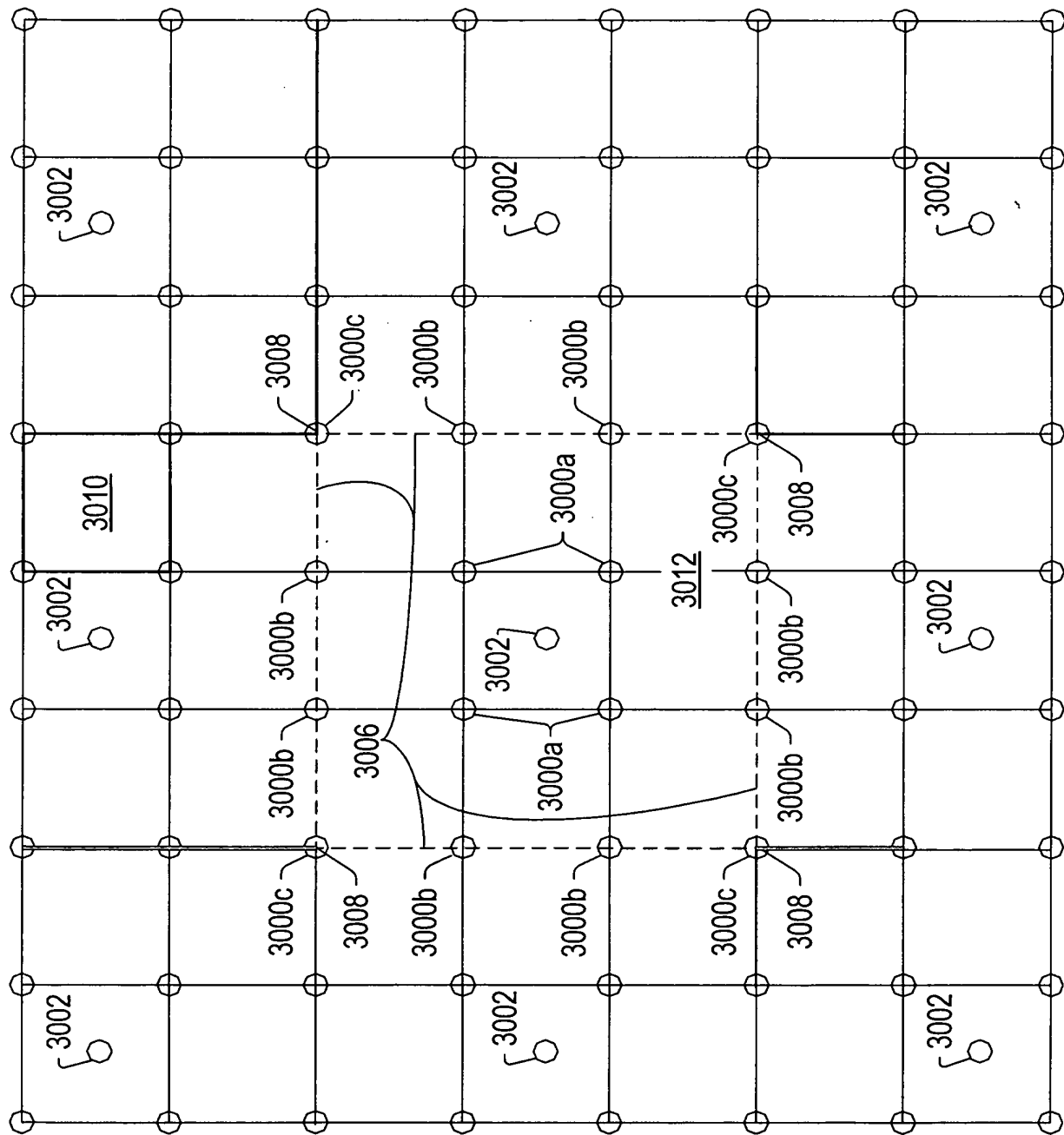


FIG. 61

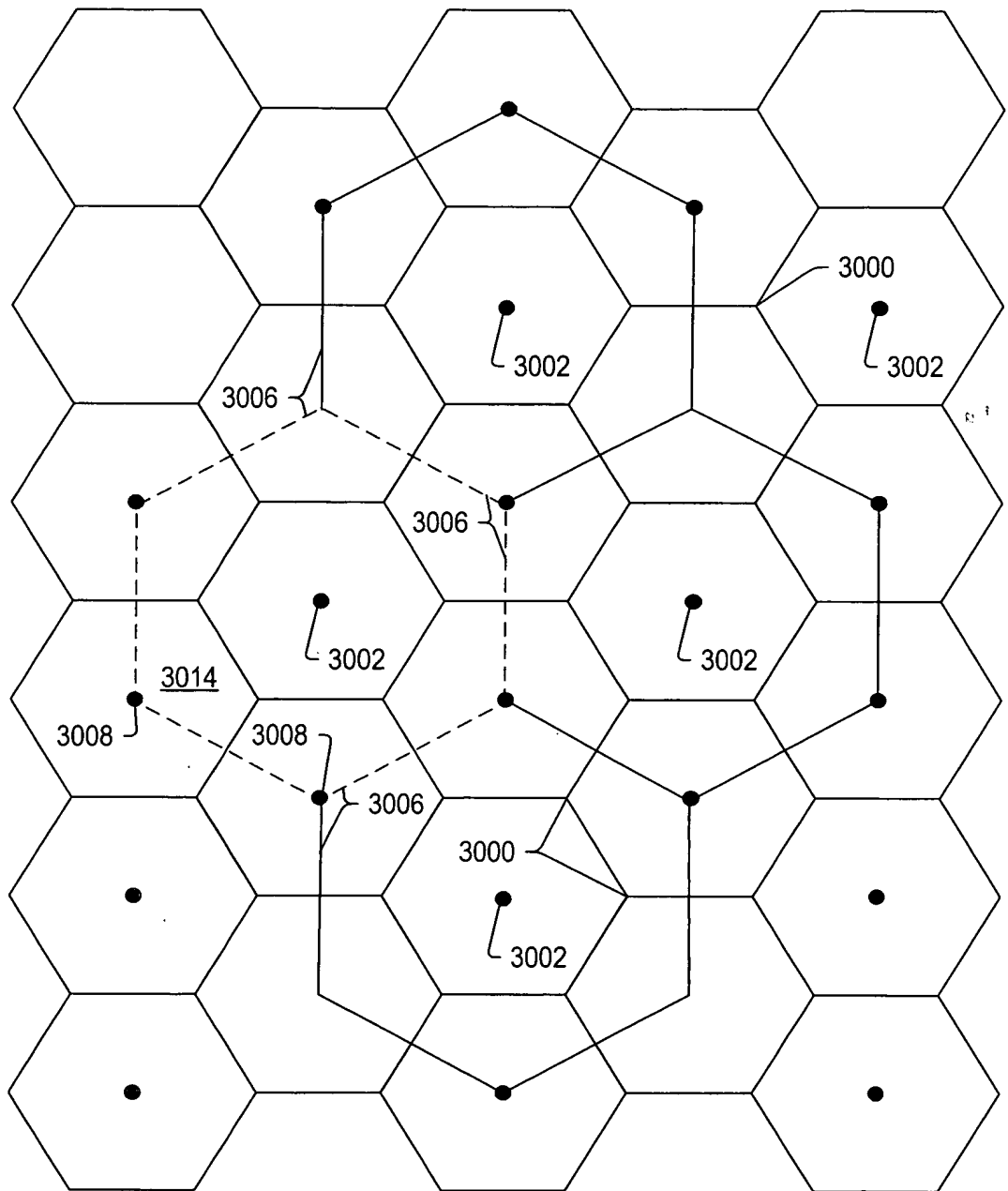


FIG. 62

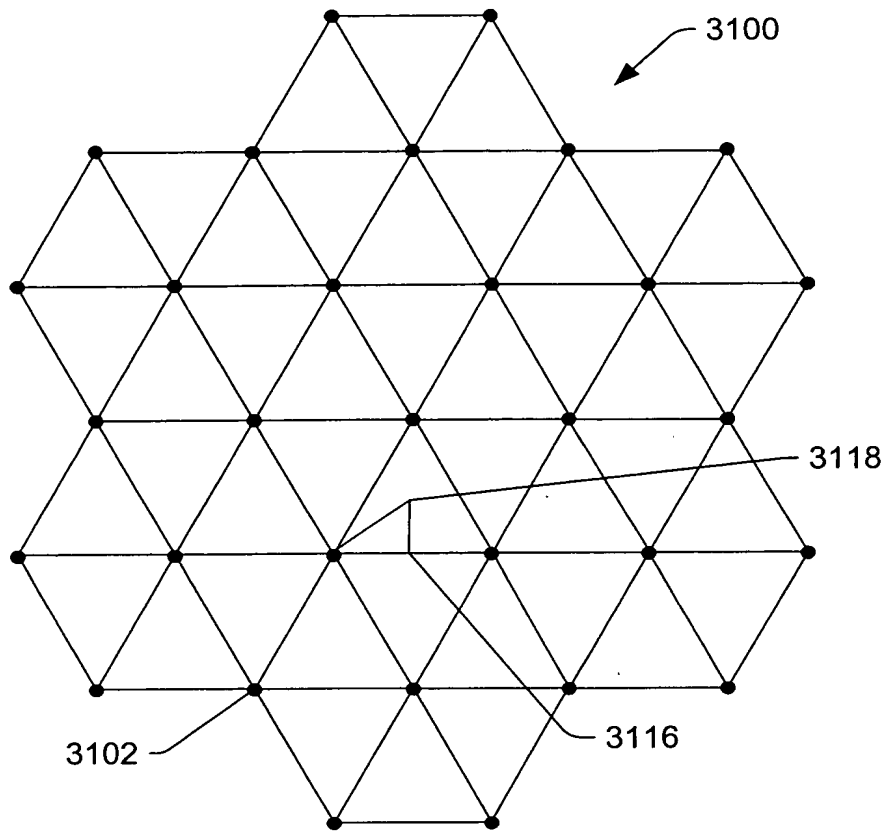


FIG. 63

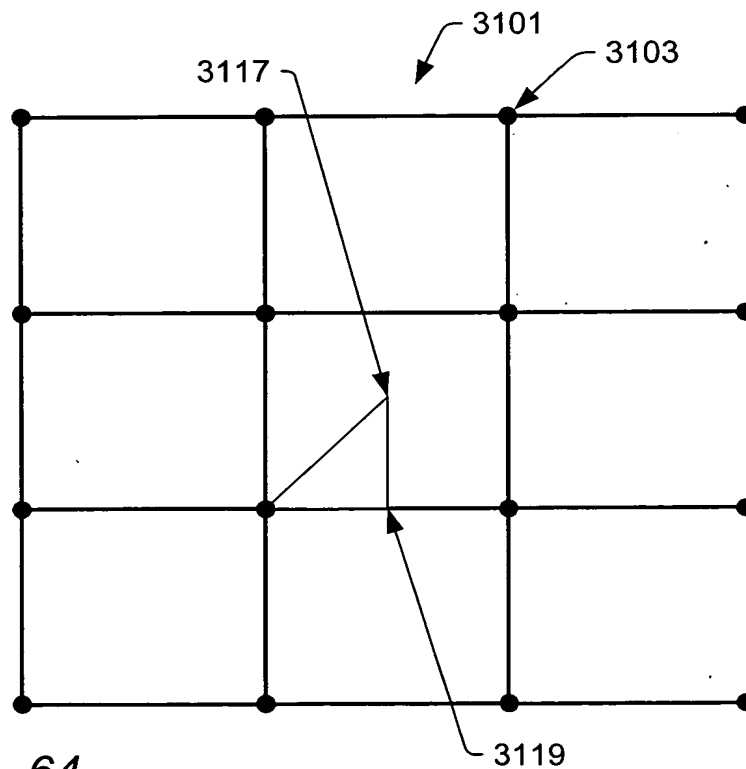


FIG. 64

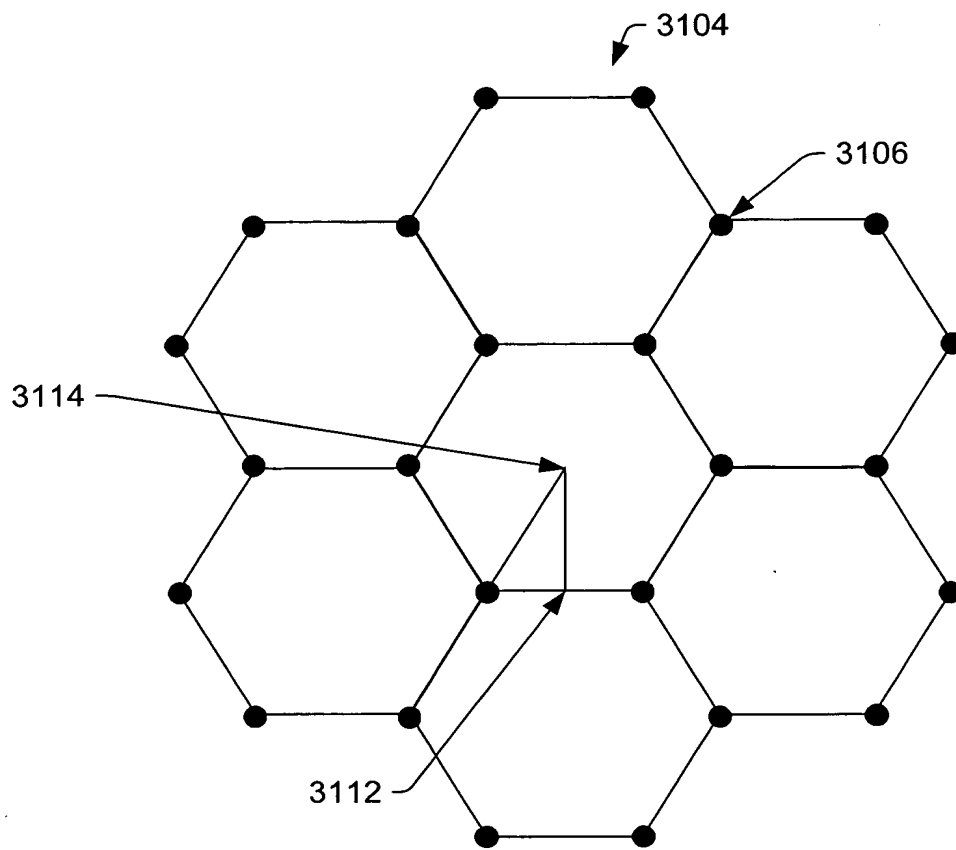


FIG. 65

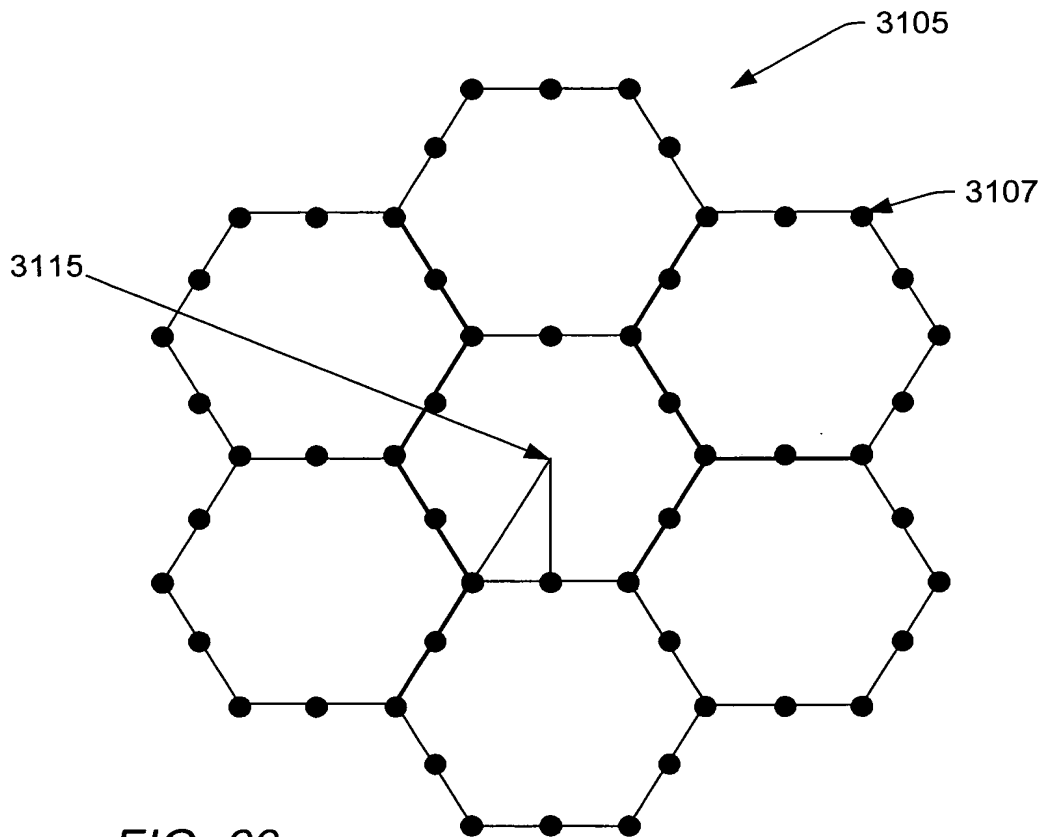


FIG. 66

2

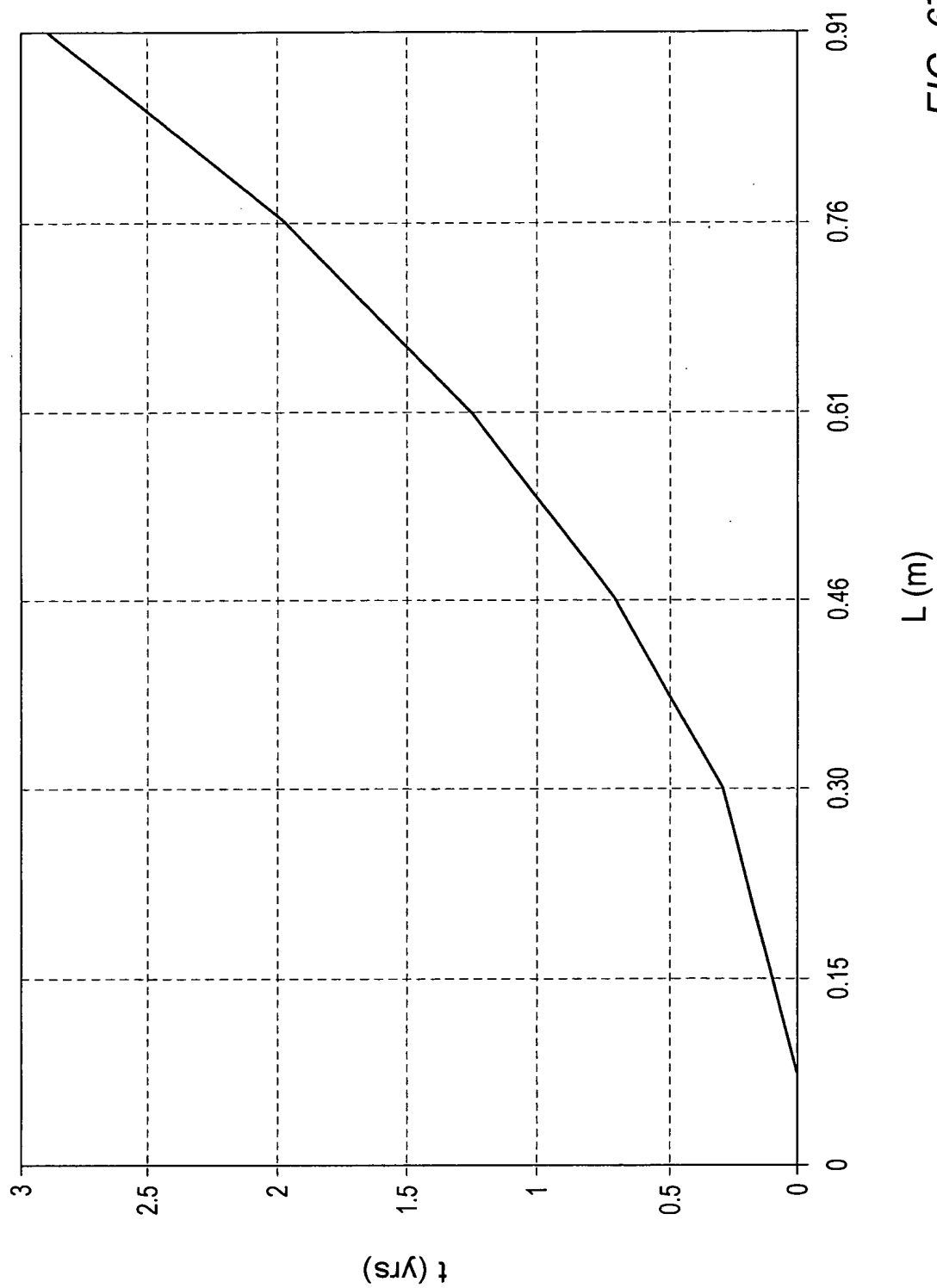


FIG. 67



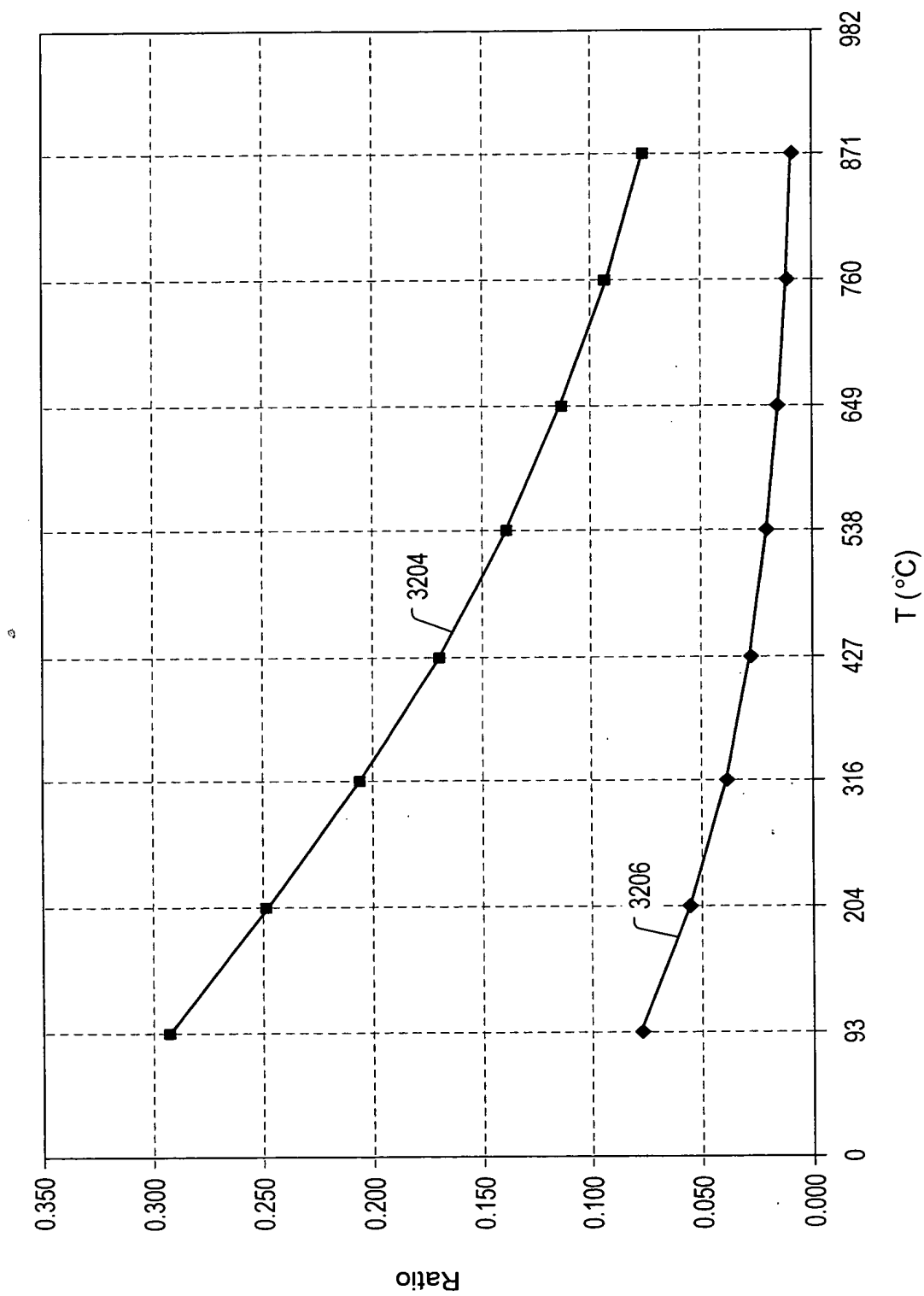


FIG. 68

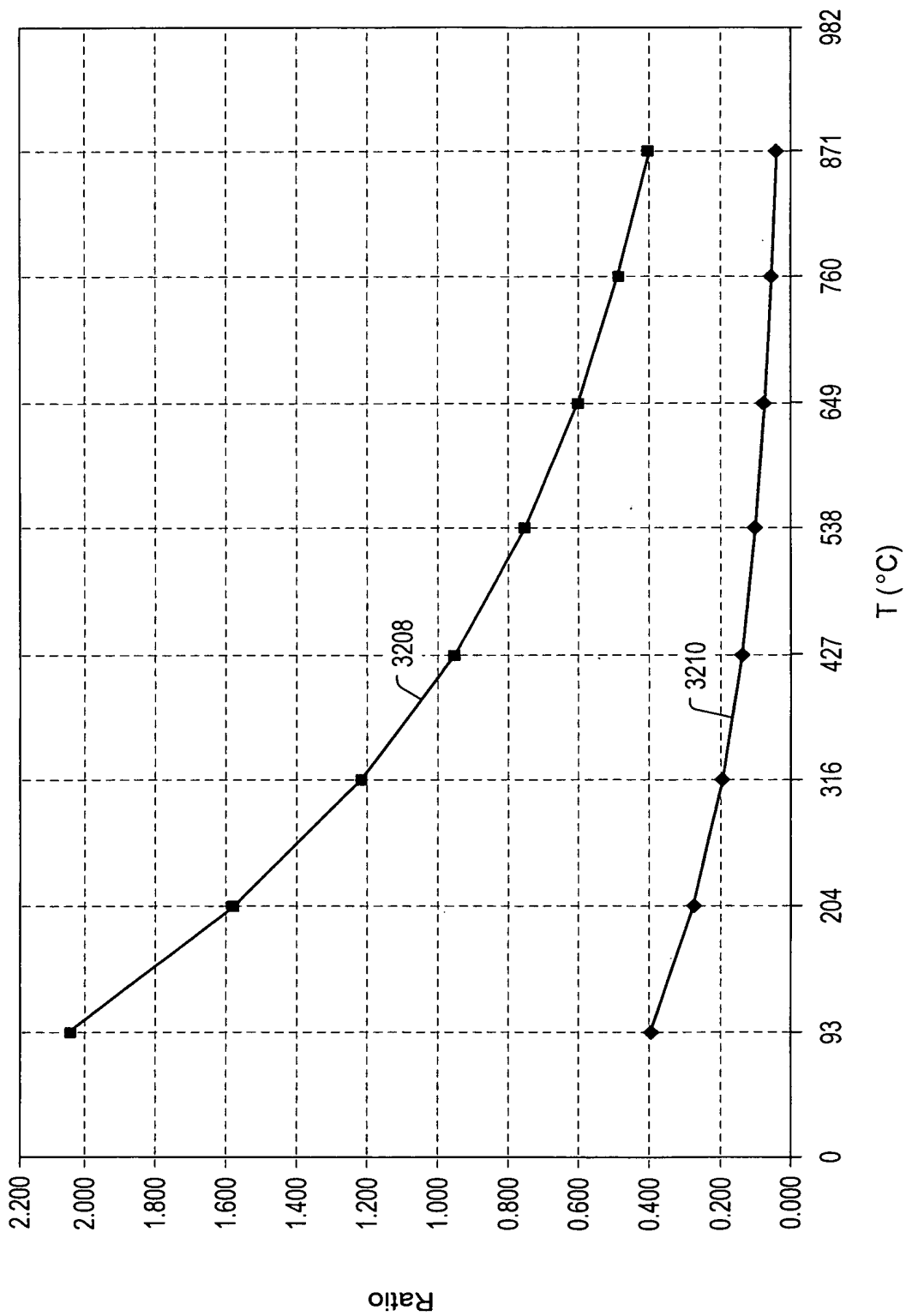


FIG. 69

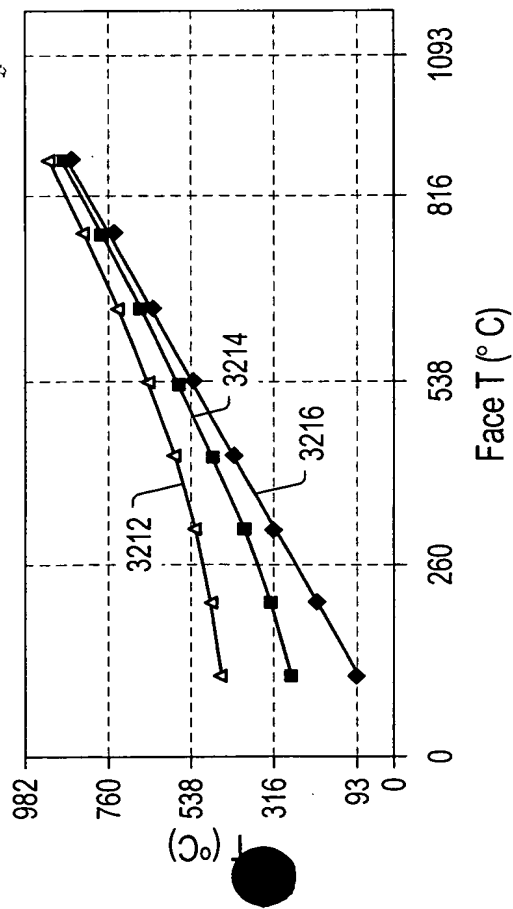


FIG. 70

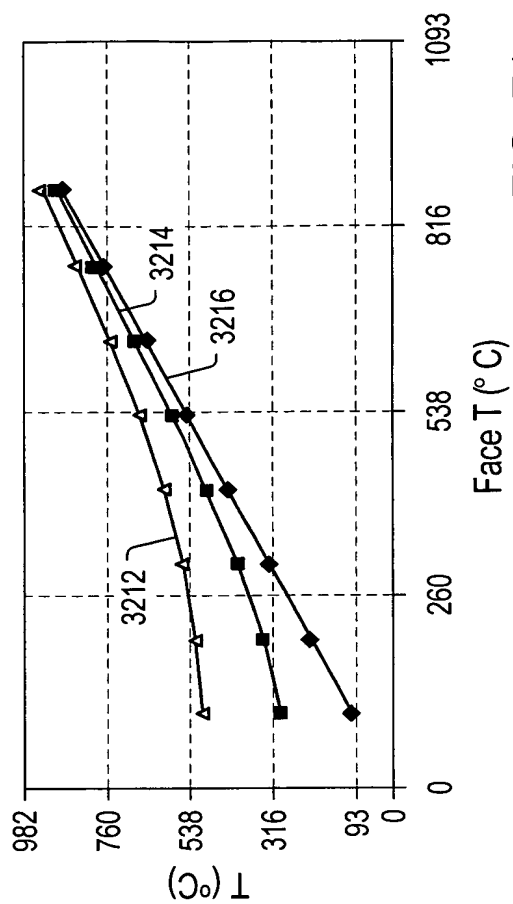


FIG. 71

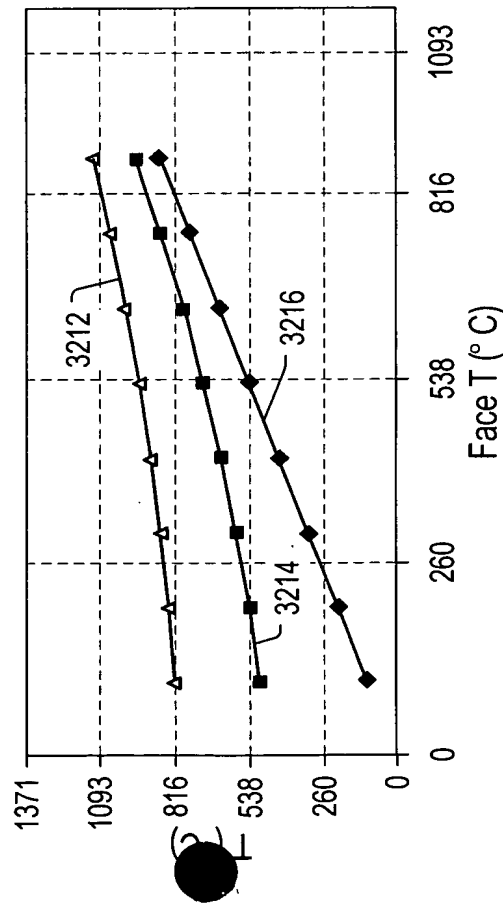


FIG. 72

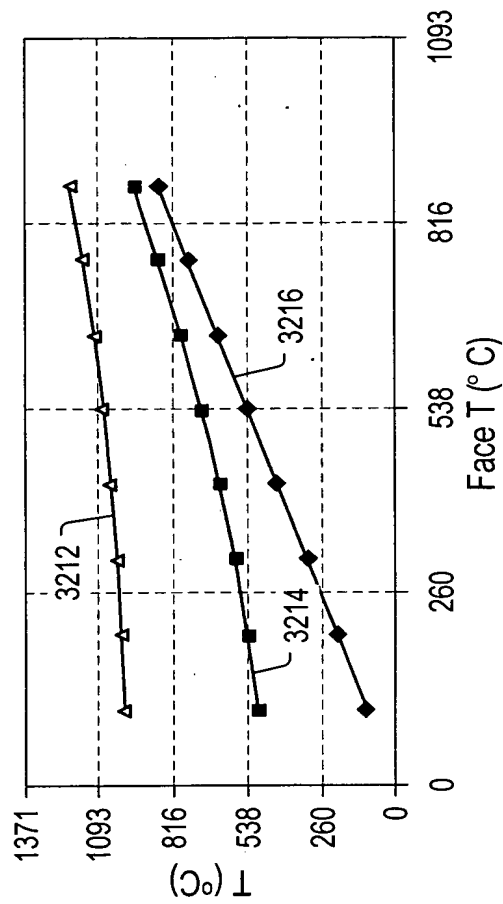


FIG. 73

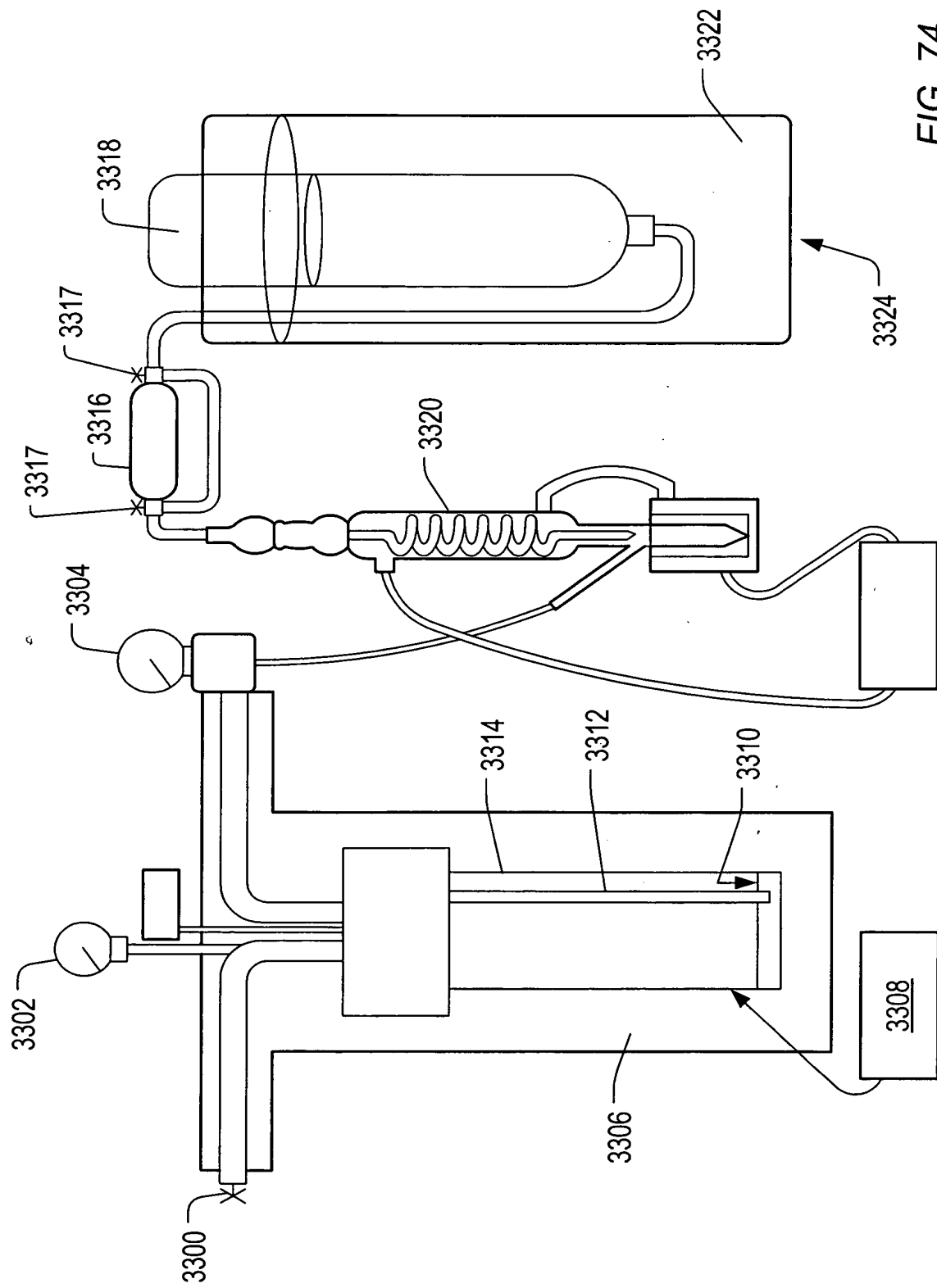


FIG. 74

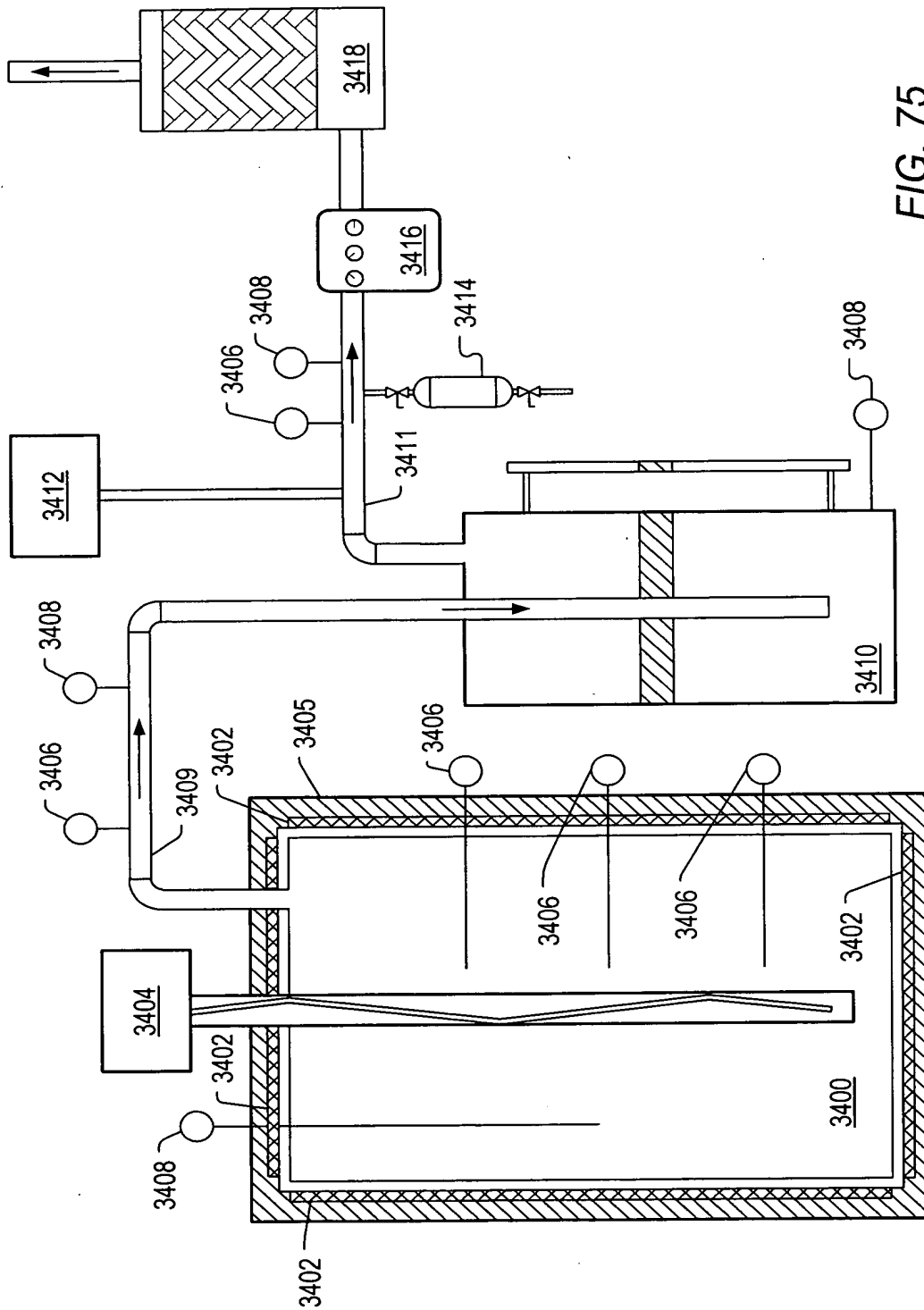


FIG. 75

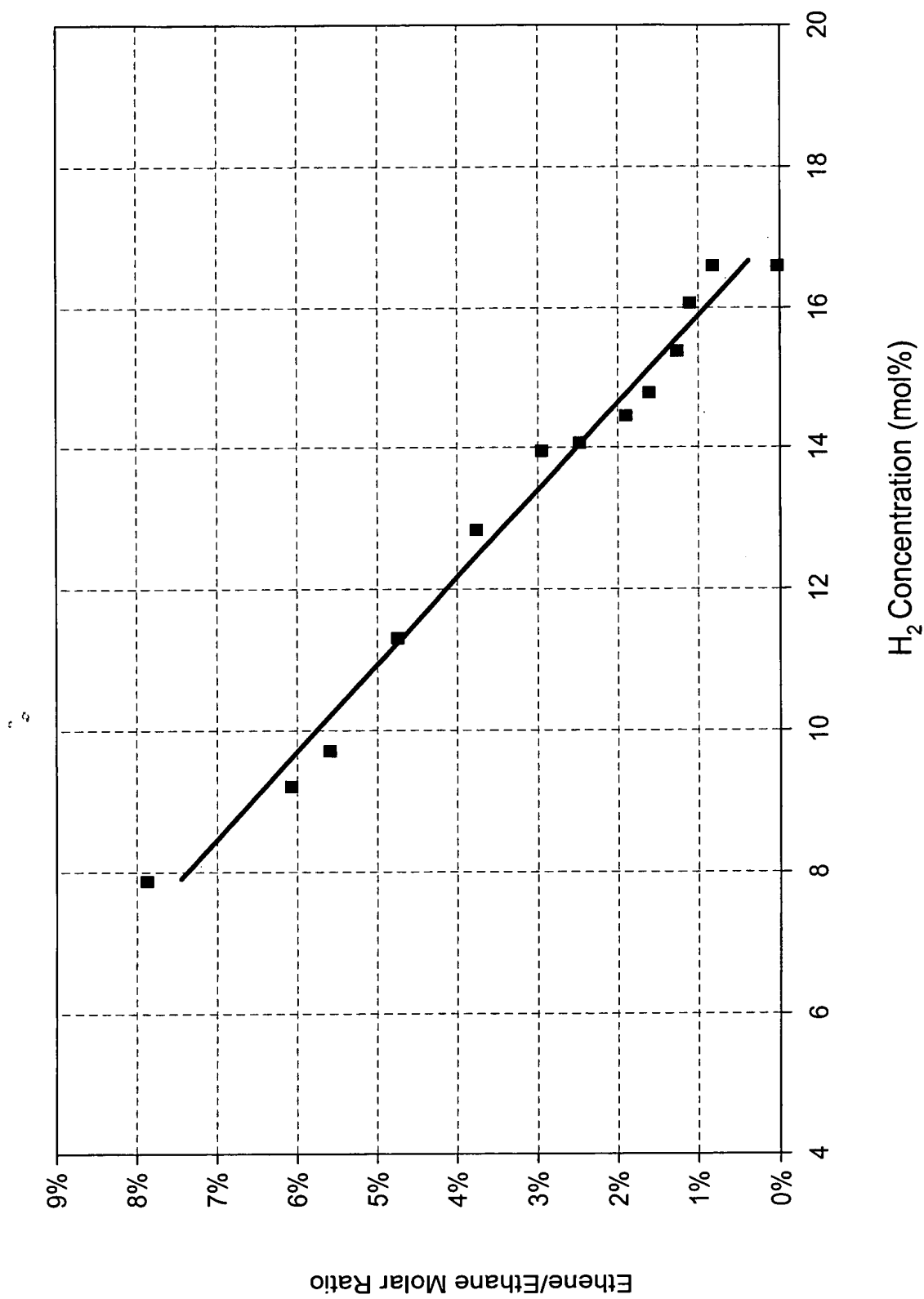


FIG. 76

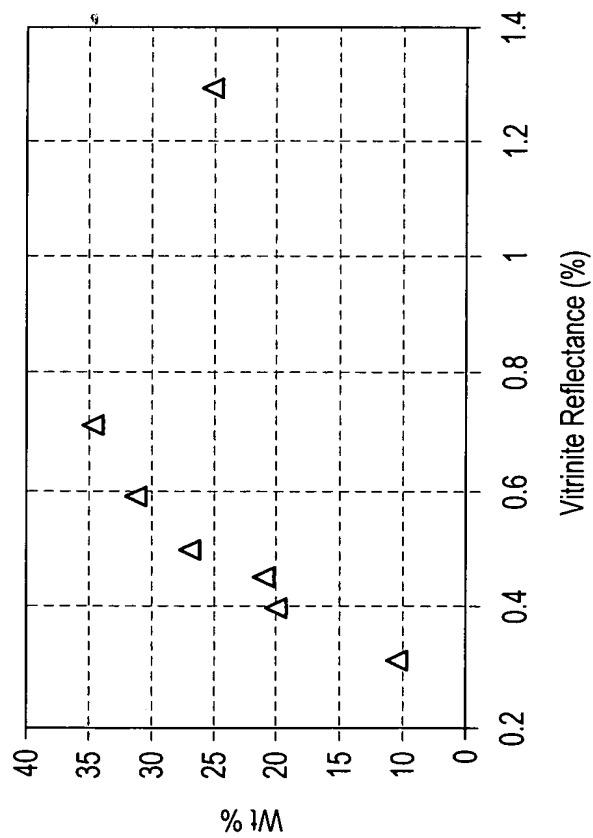


FIG. 77

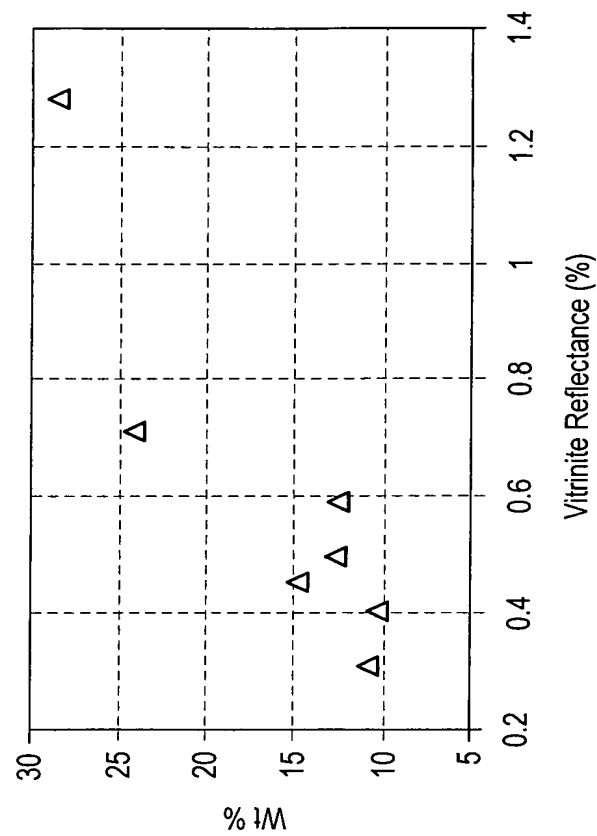


FIG. 78

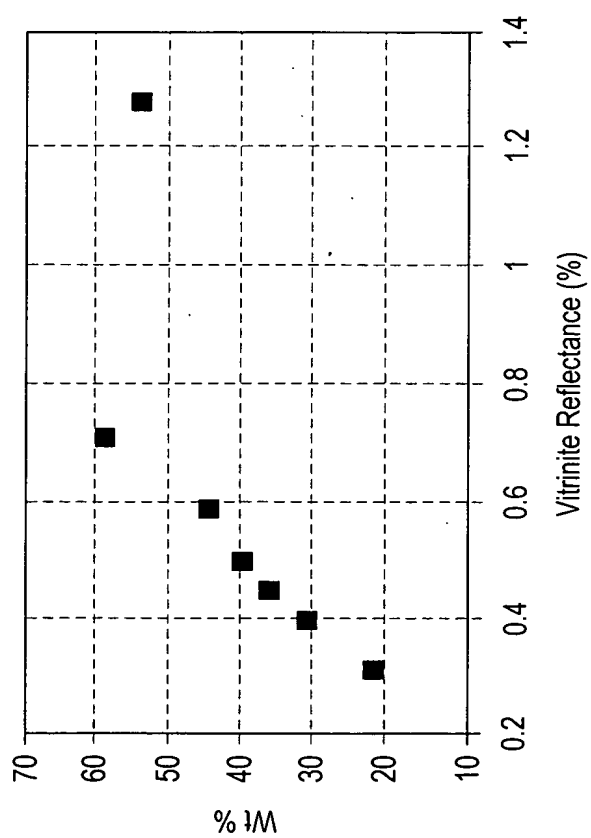


FIG. 79

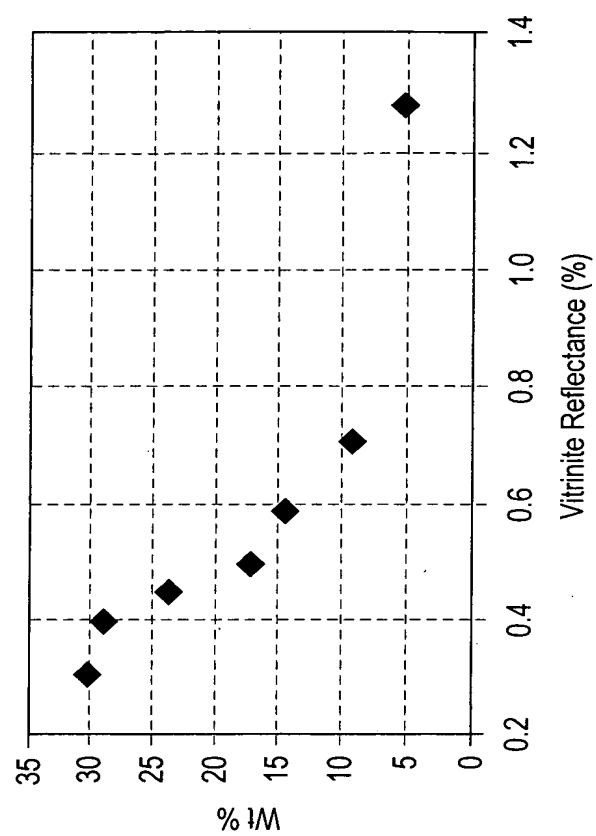


FIG. 80

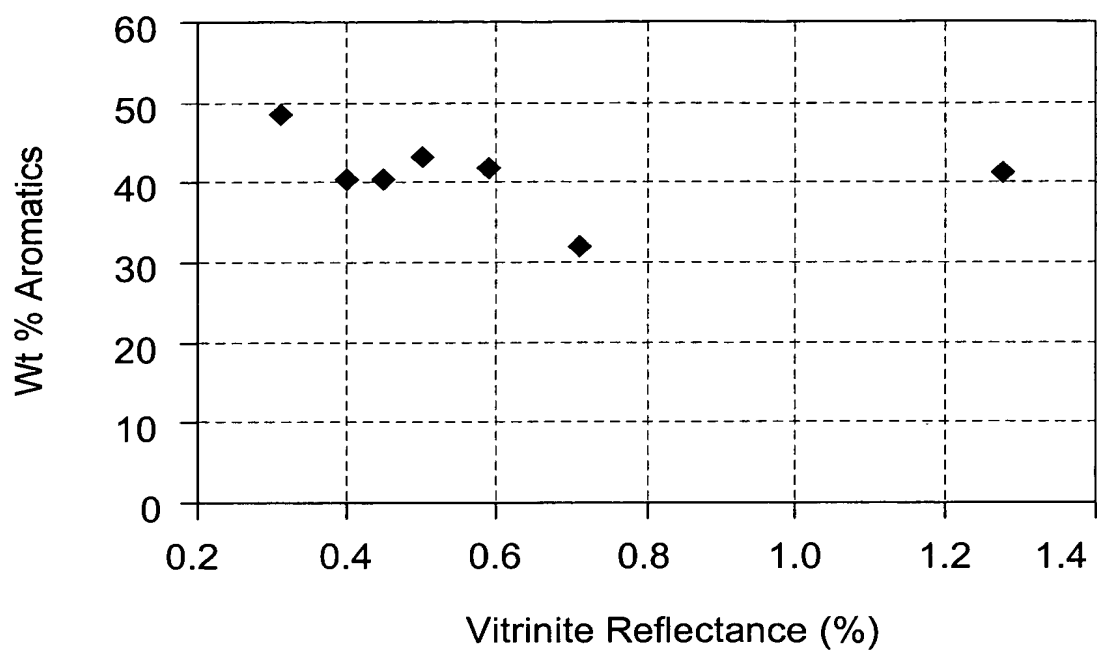


FIG. 81

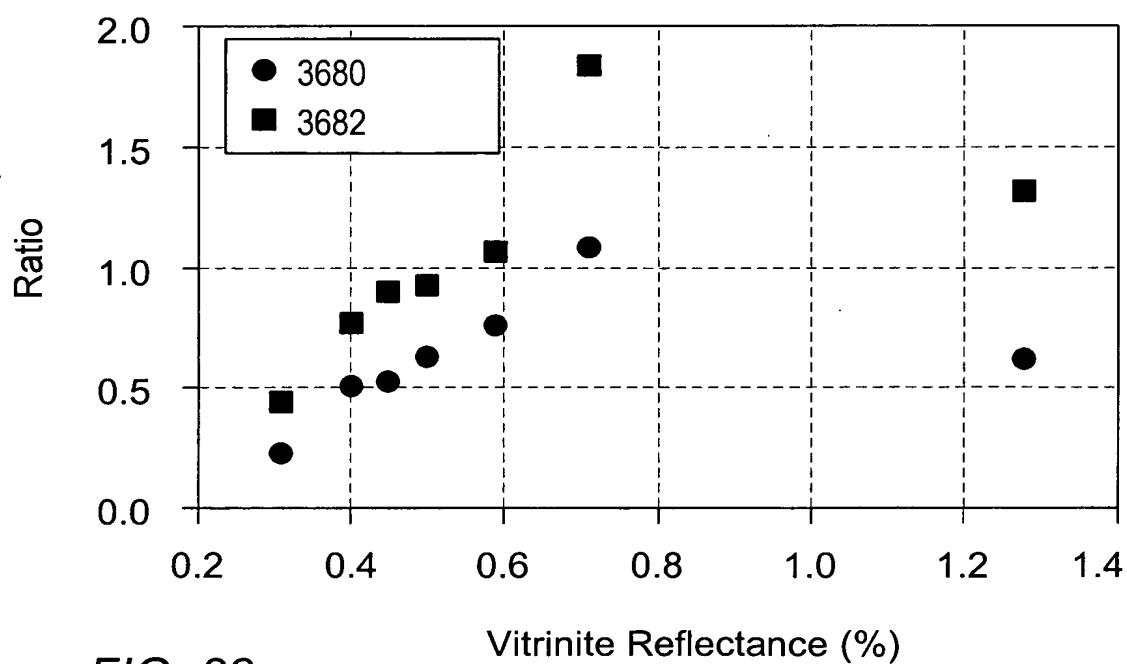


FIG. 82



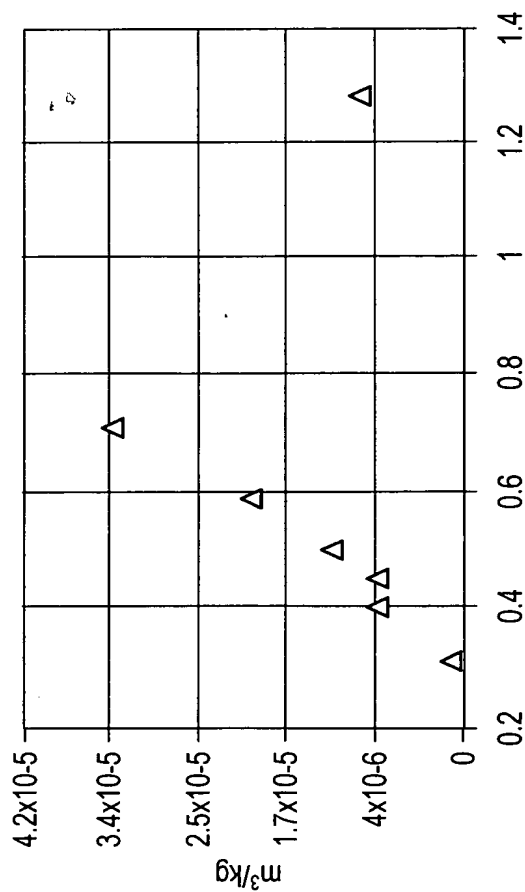


FIG. 83

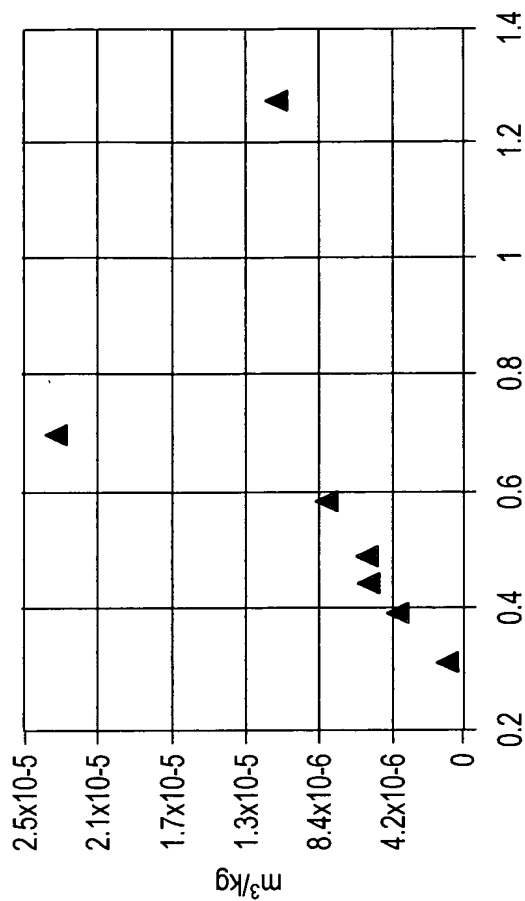


FIG. 84

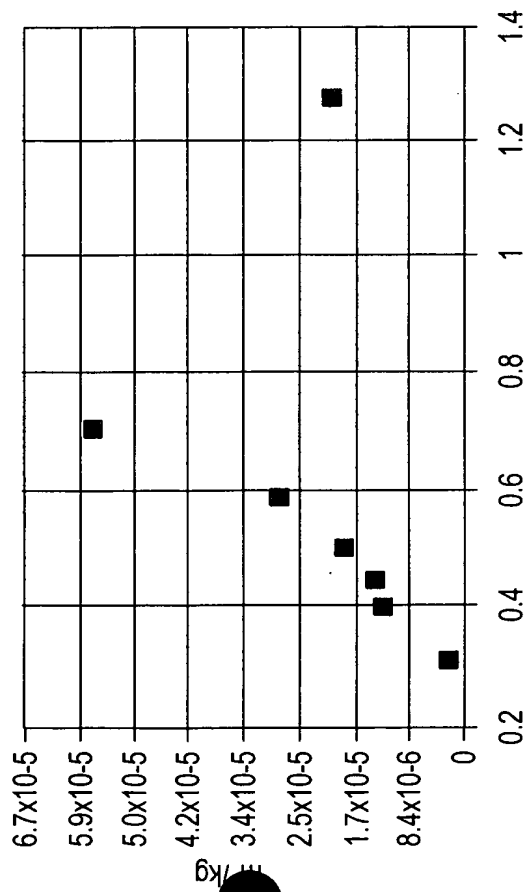


FIG. 85

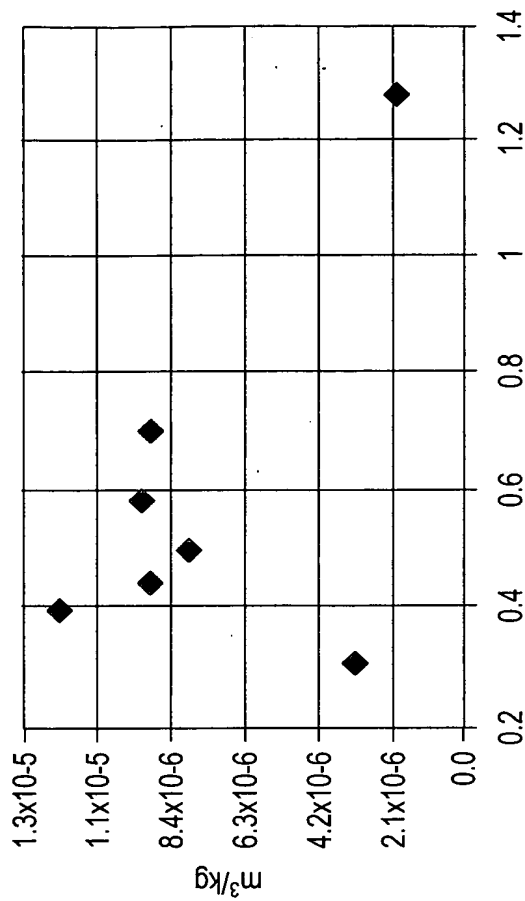


FIG. 86

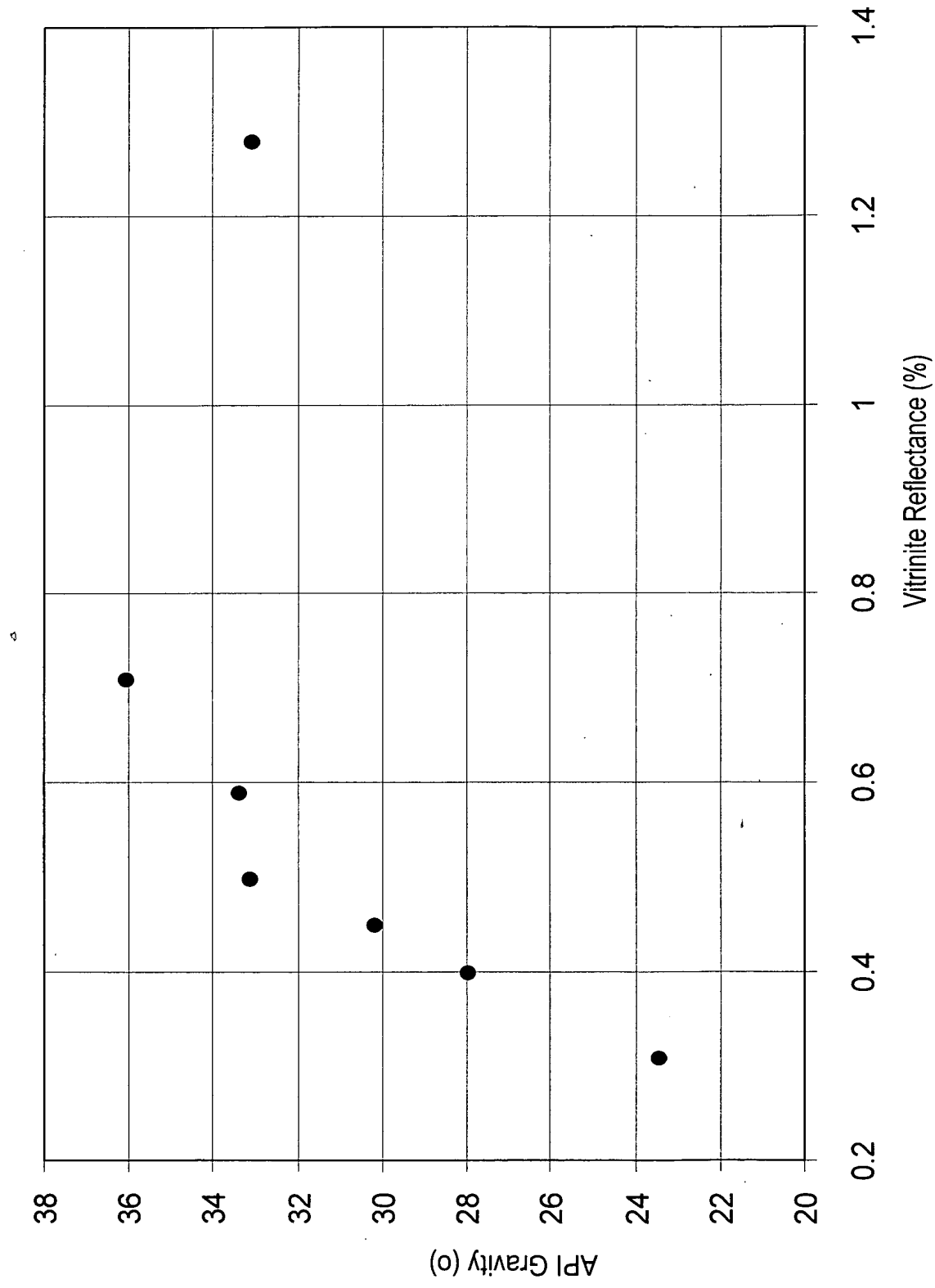
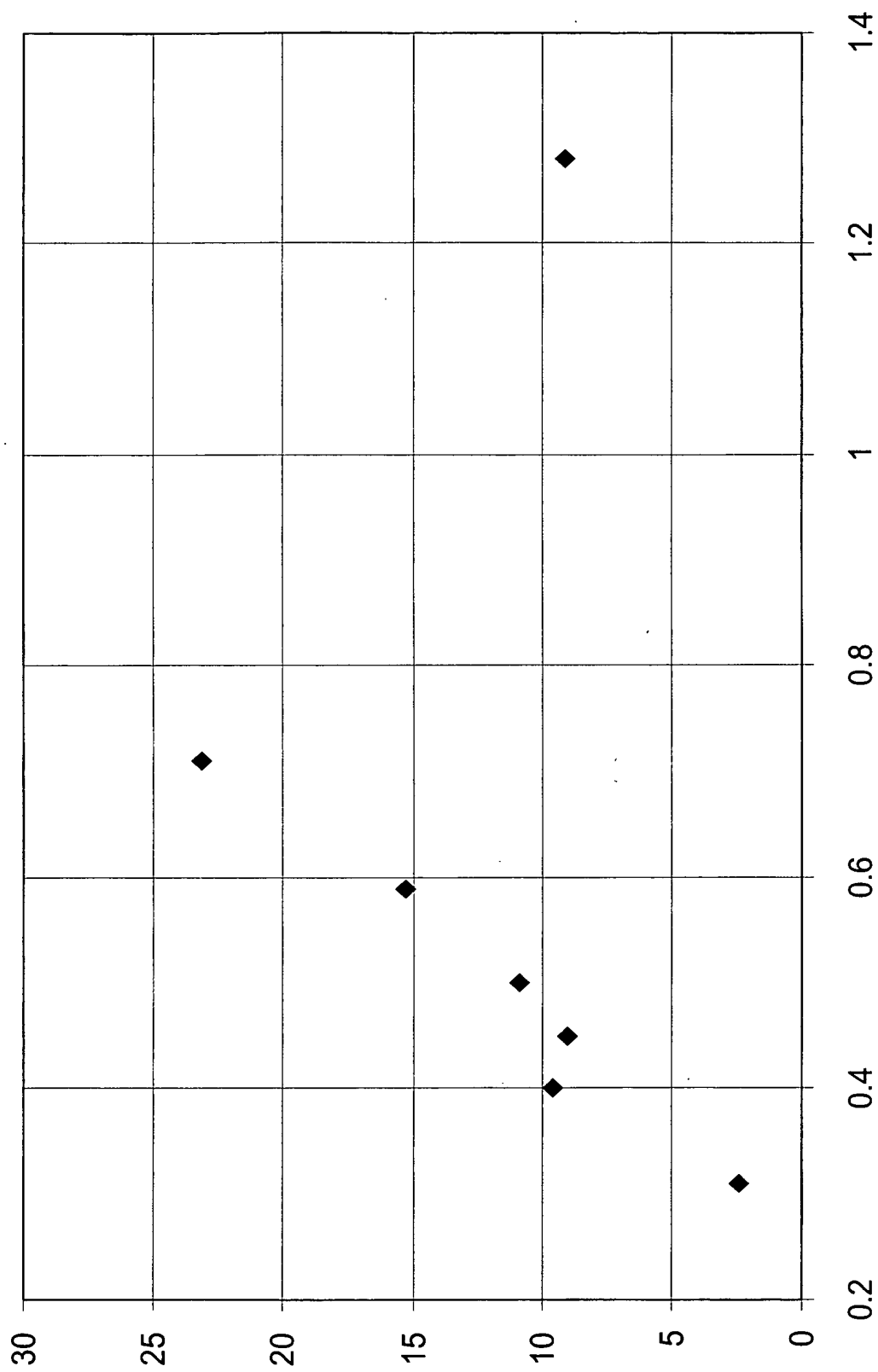


FIG. 87



Vitrinite Reflectance (%)

FIG. 88

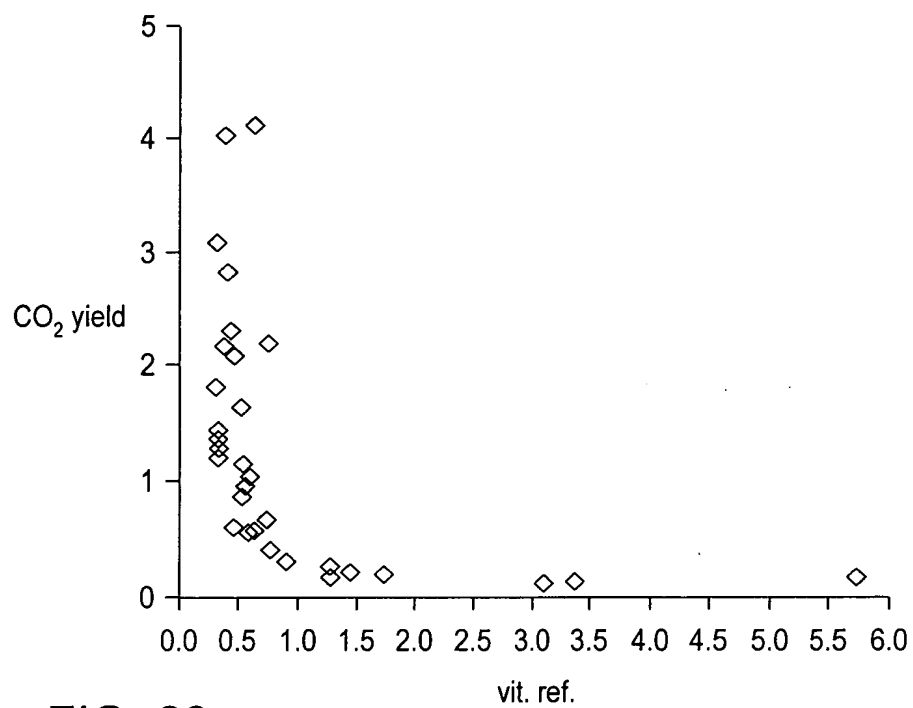


FIG. 89

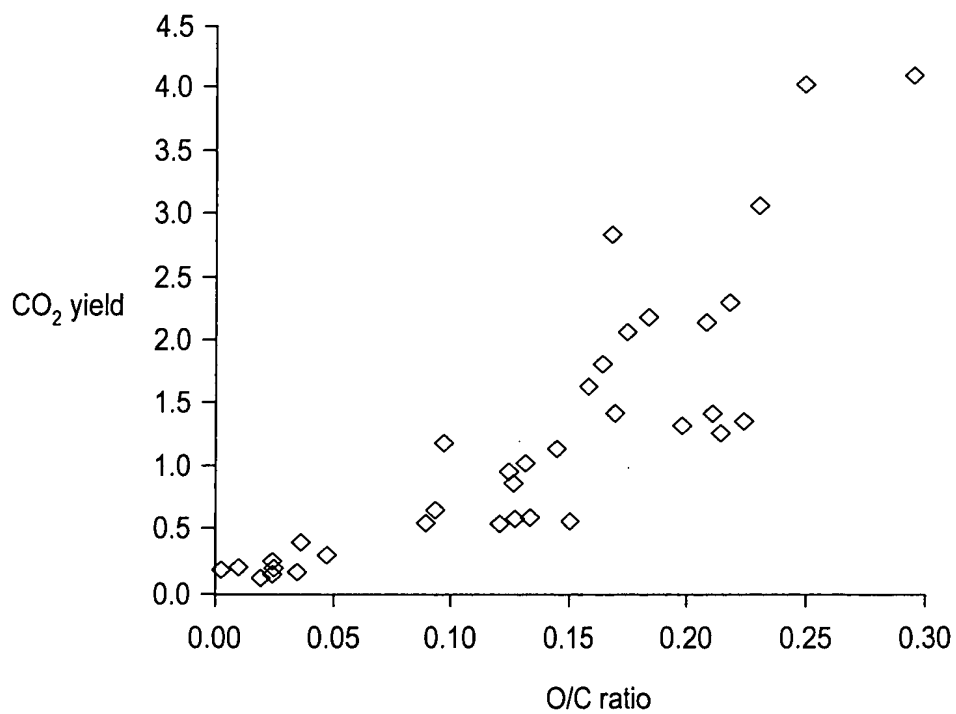


FIG. 90

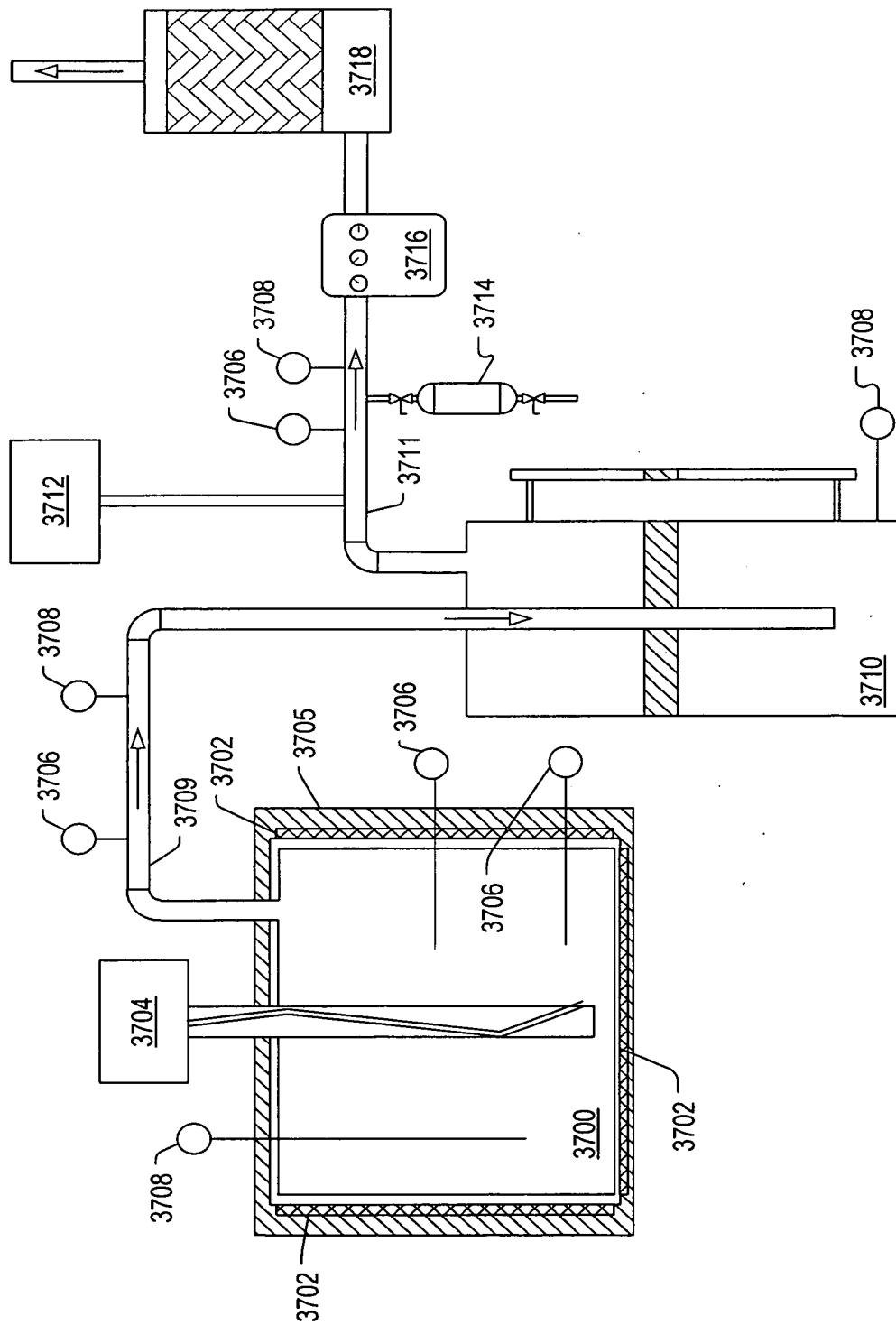


FIG. 91

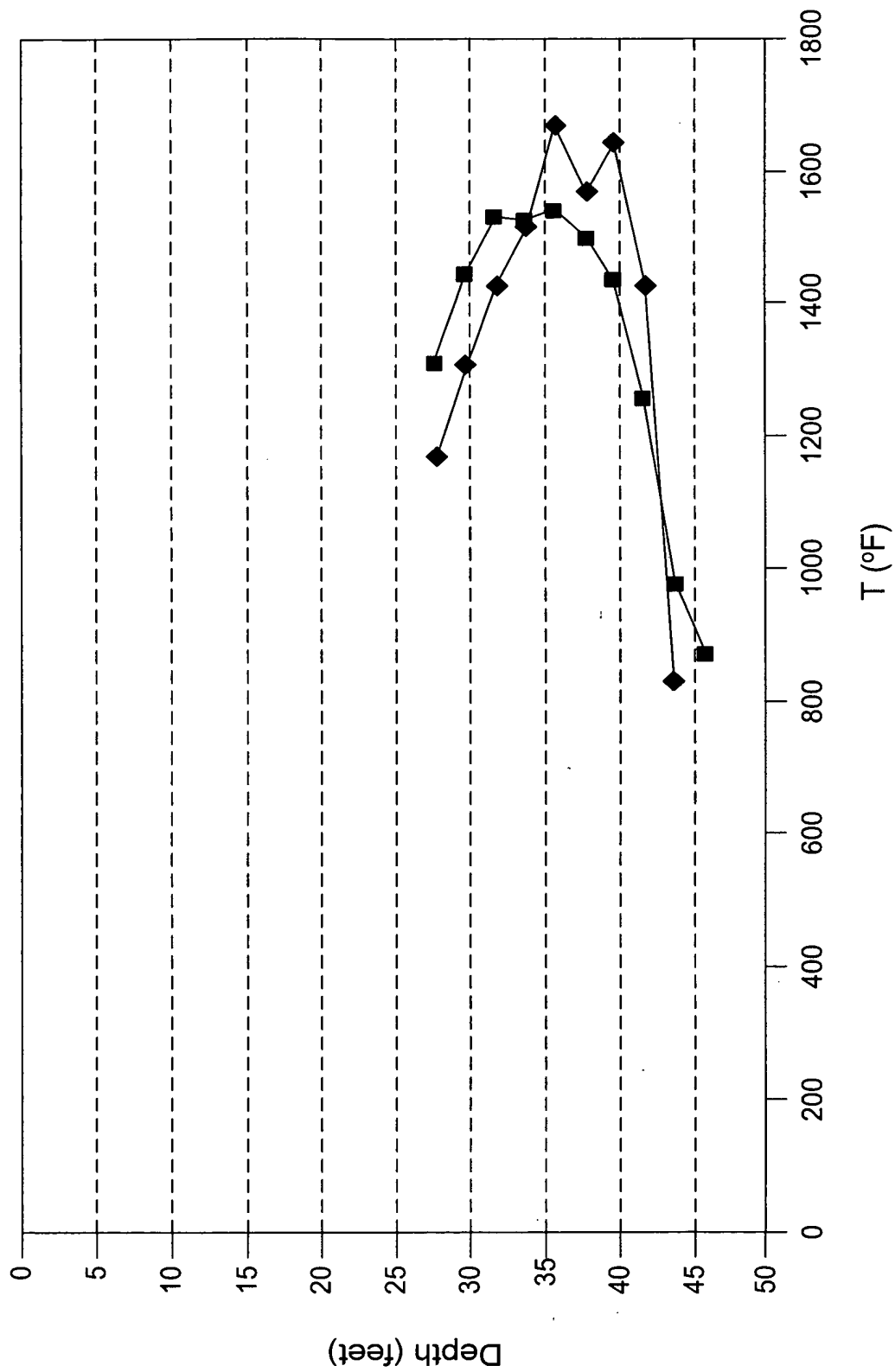


FIG. 92

FIG. 93

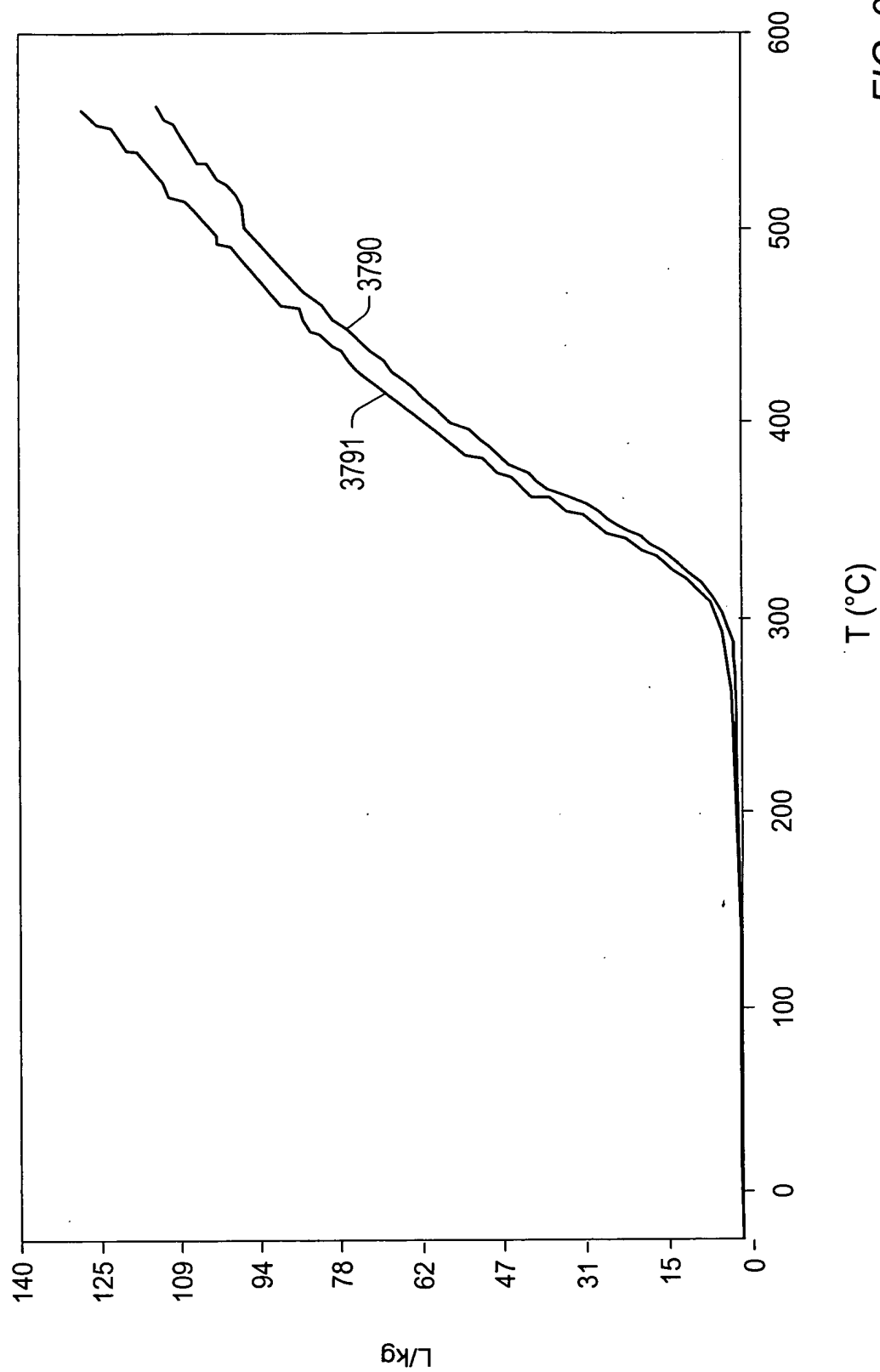


FIG. 94



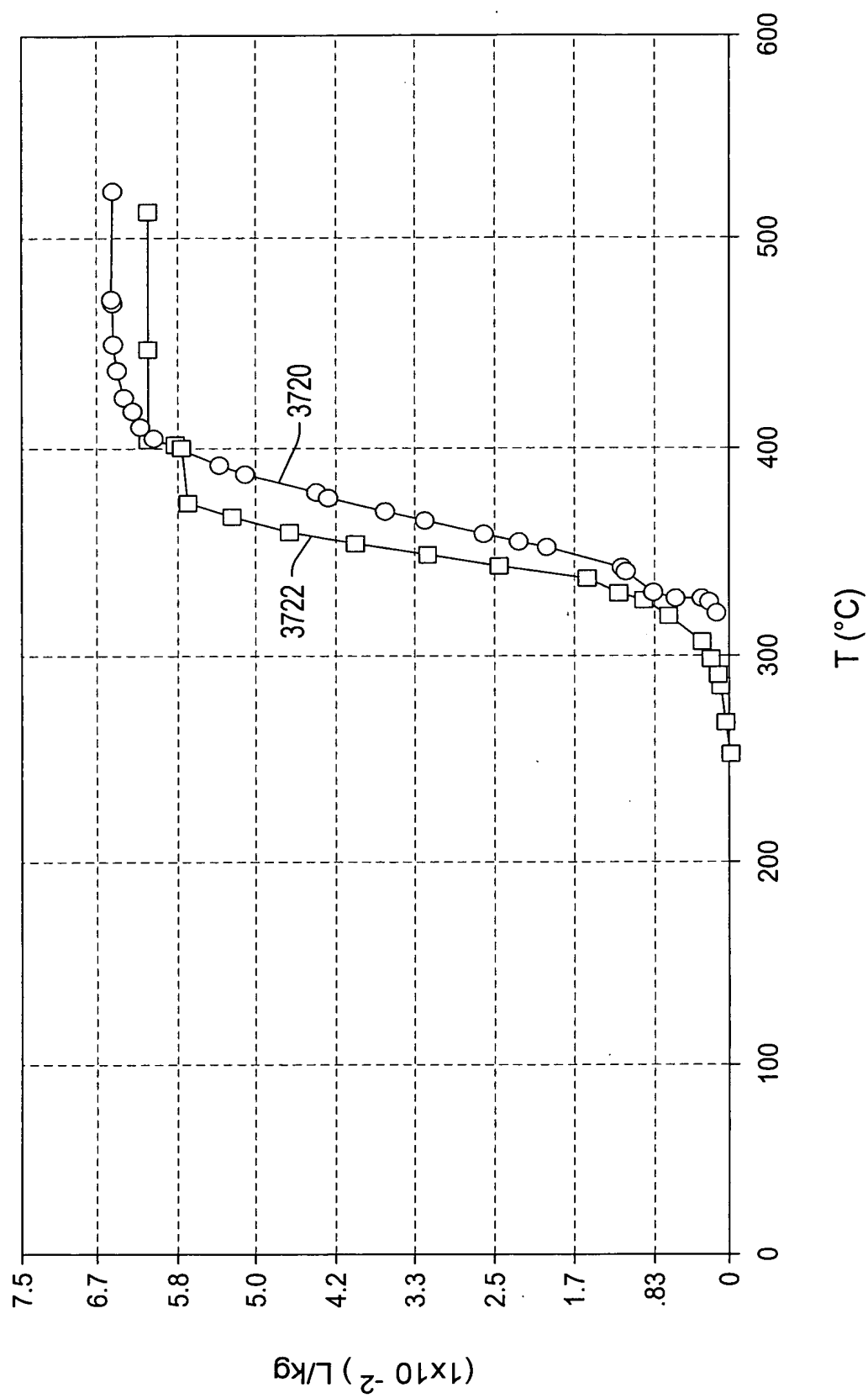


FIG. 95

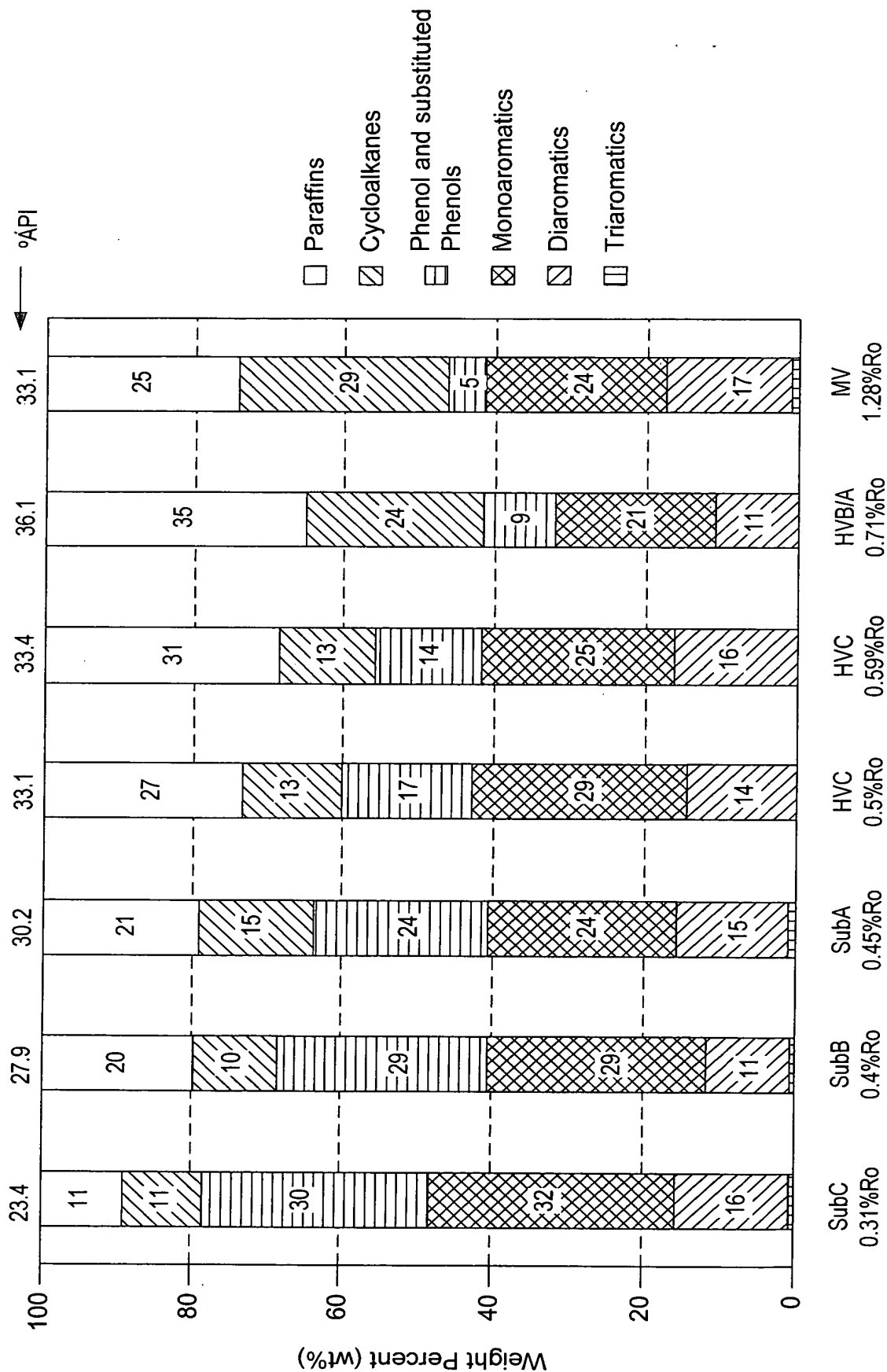


FIG. 96

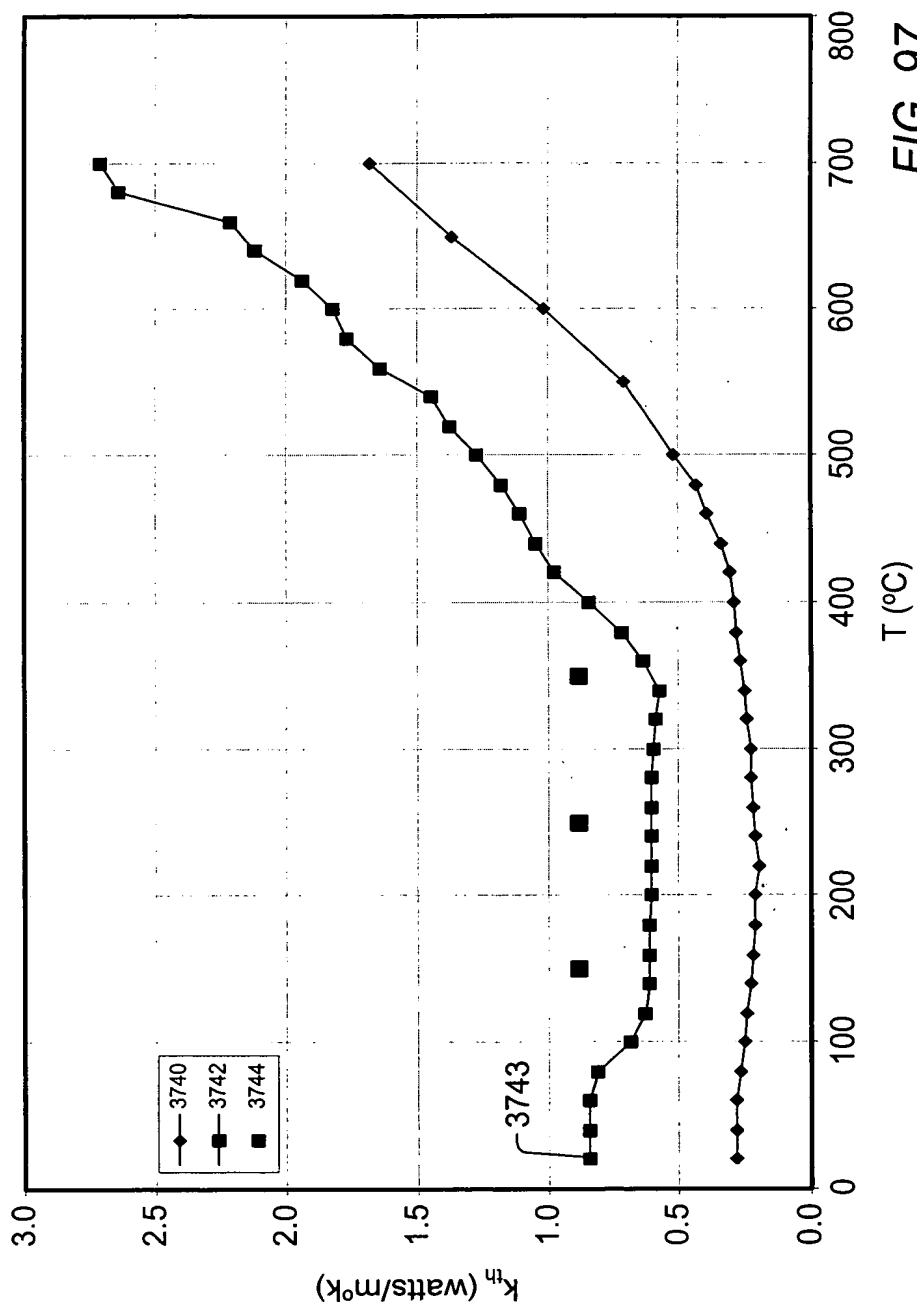


FIG. 97

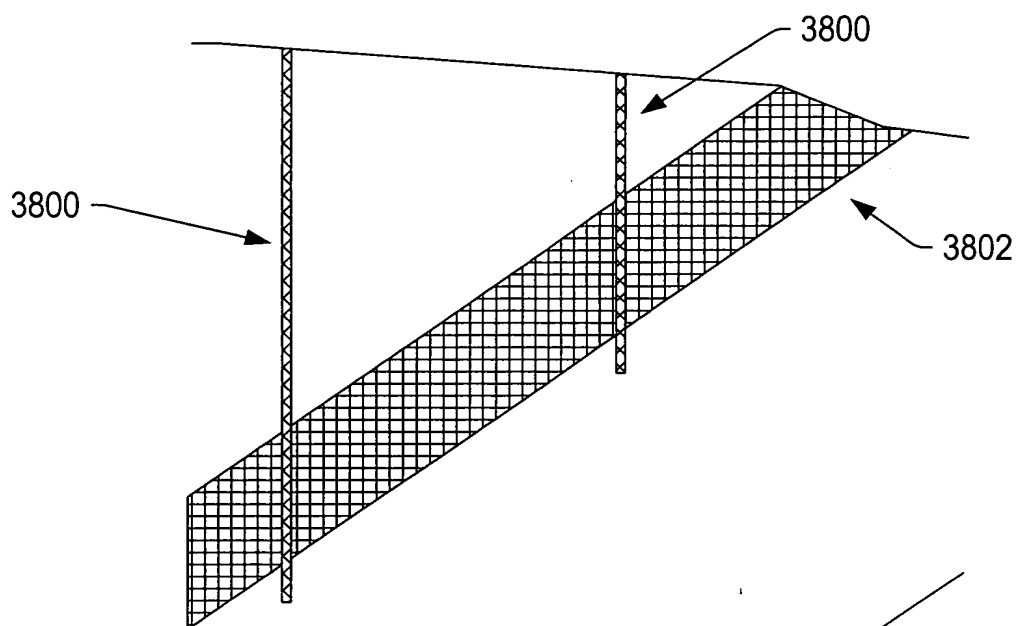


FIG. 98

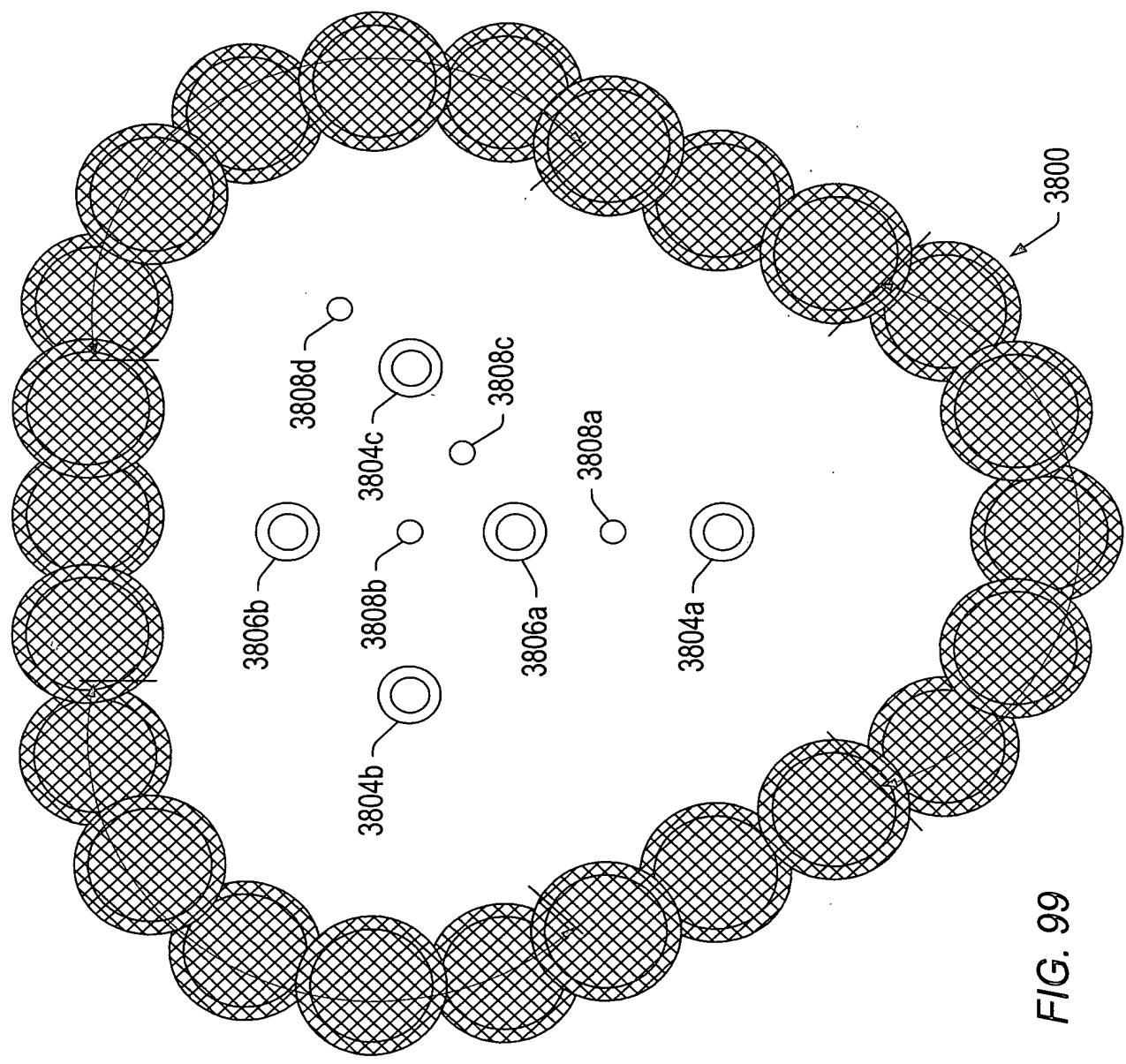


FIG. 99

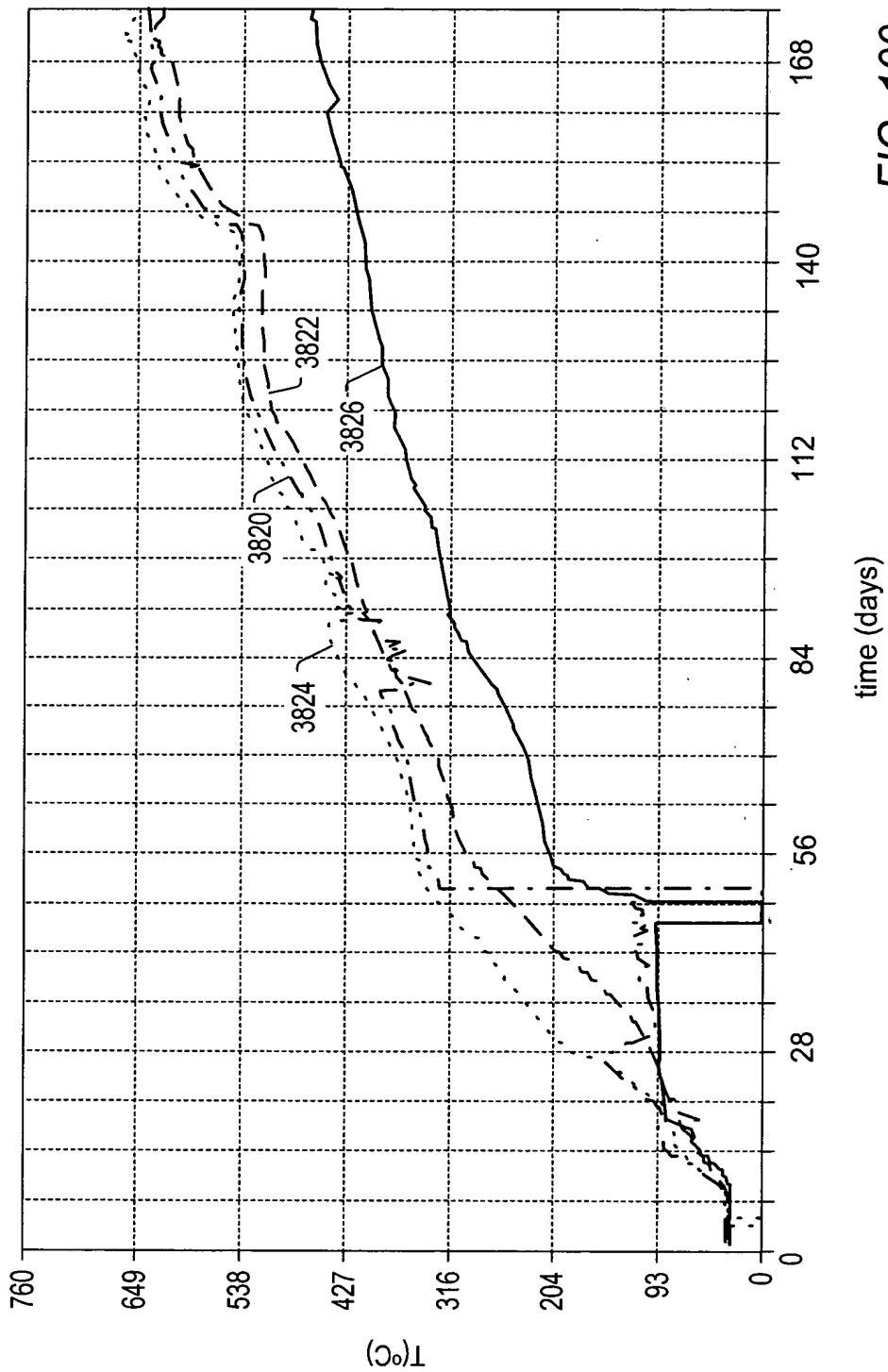


FIG. 100

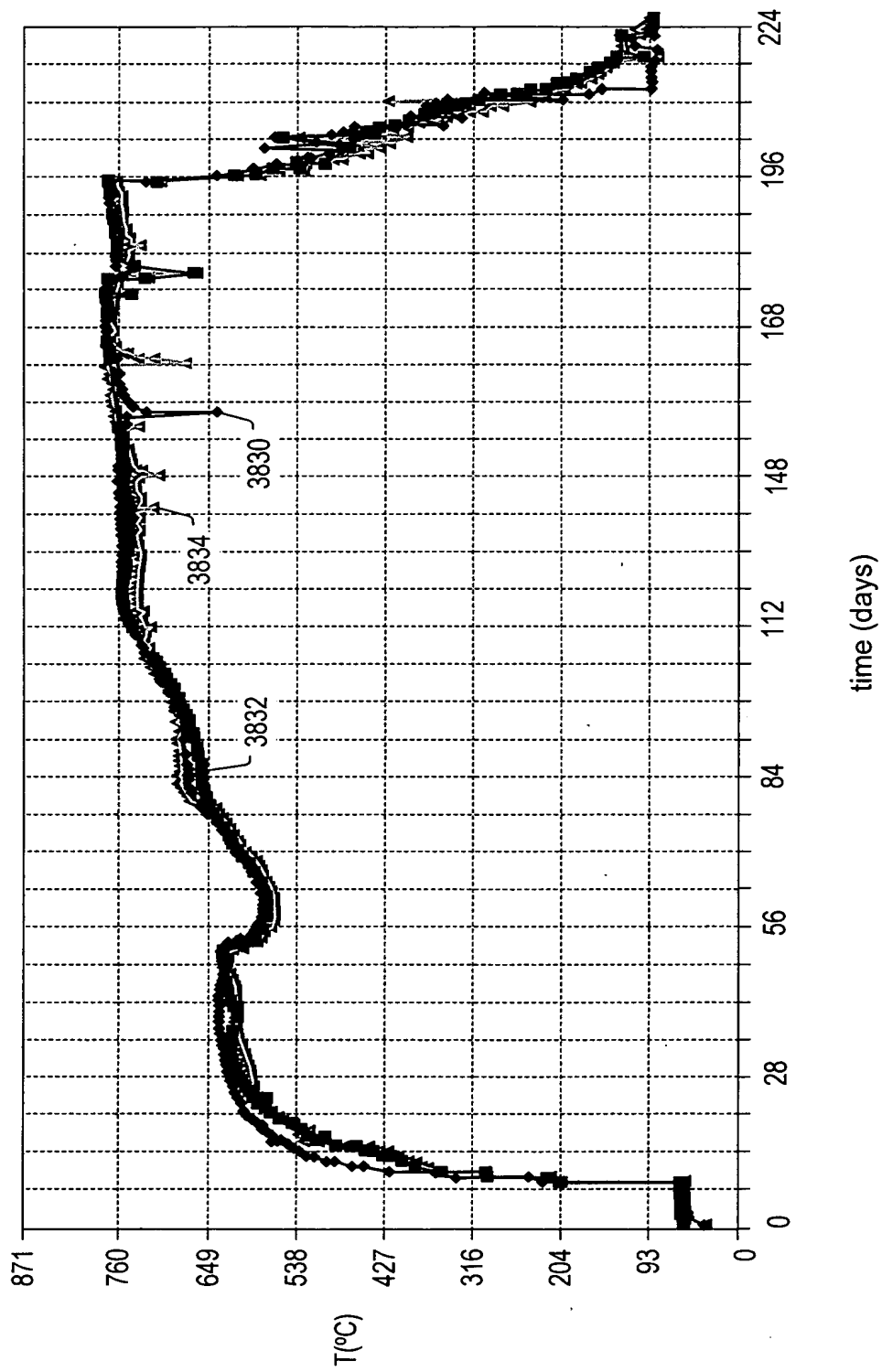


FIG. 101

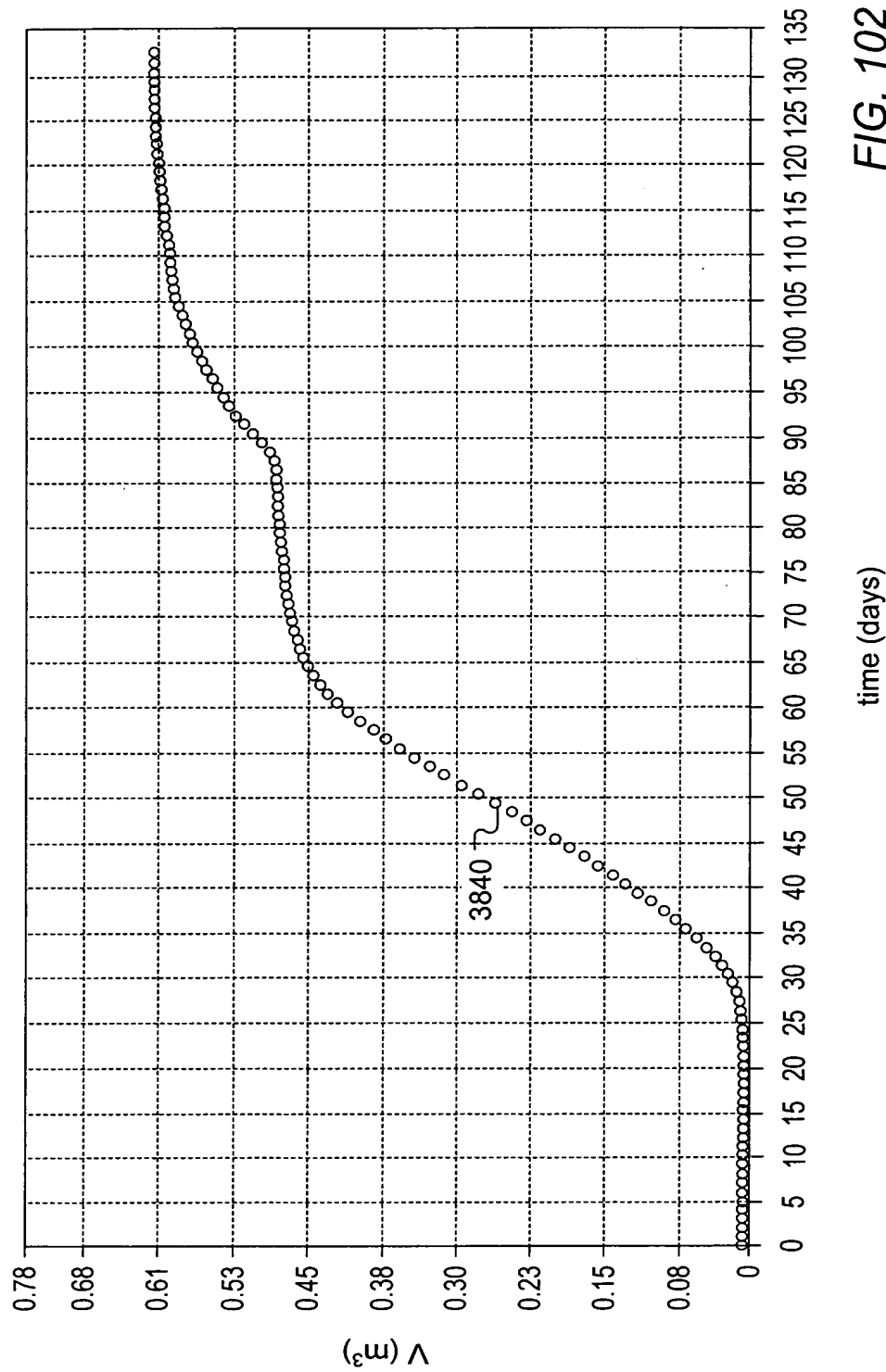


FIG. 102



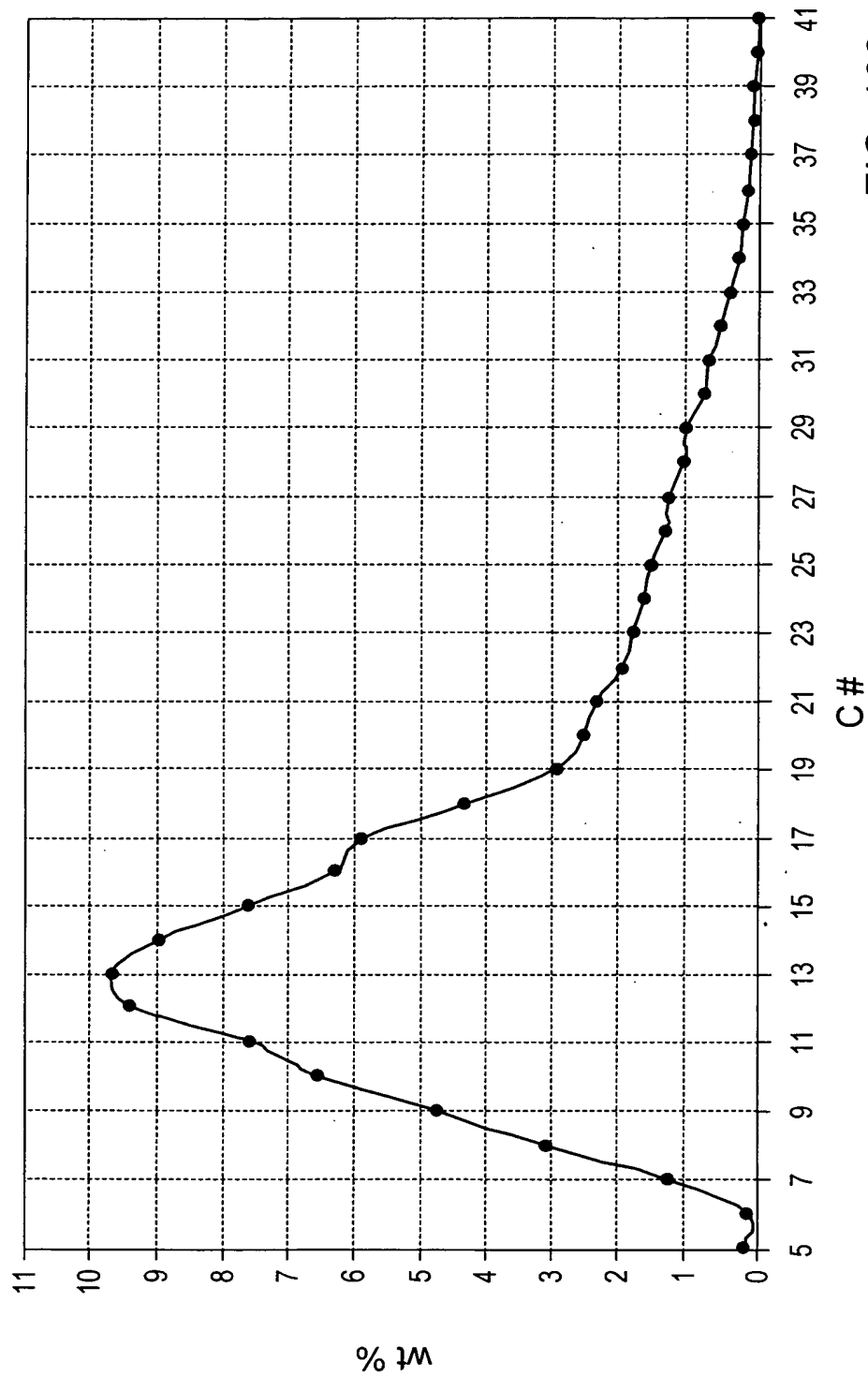


FIG. 103

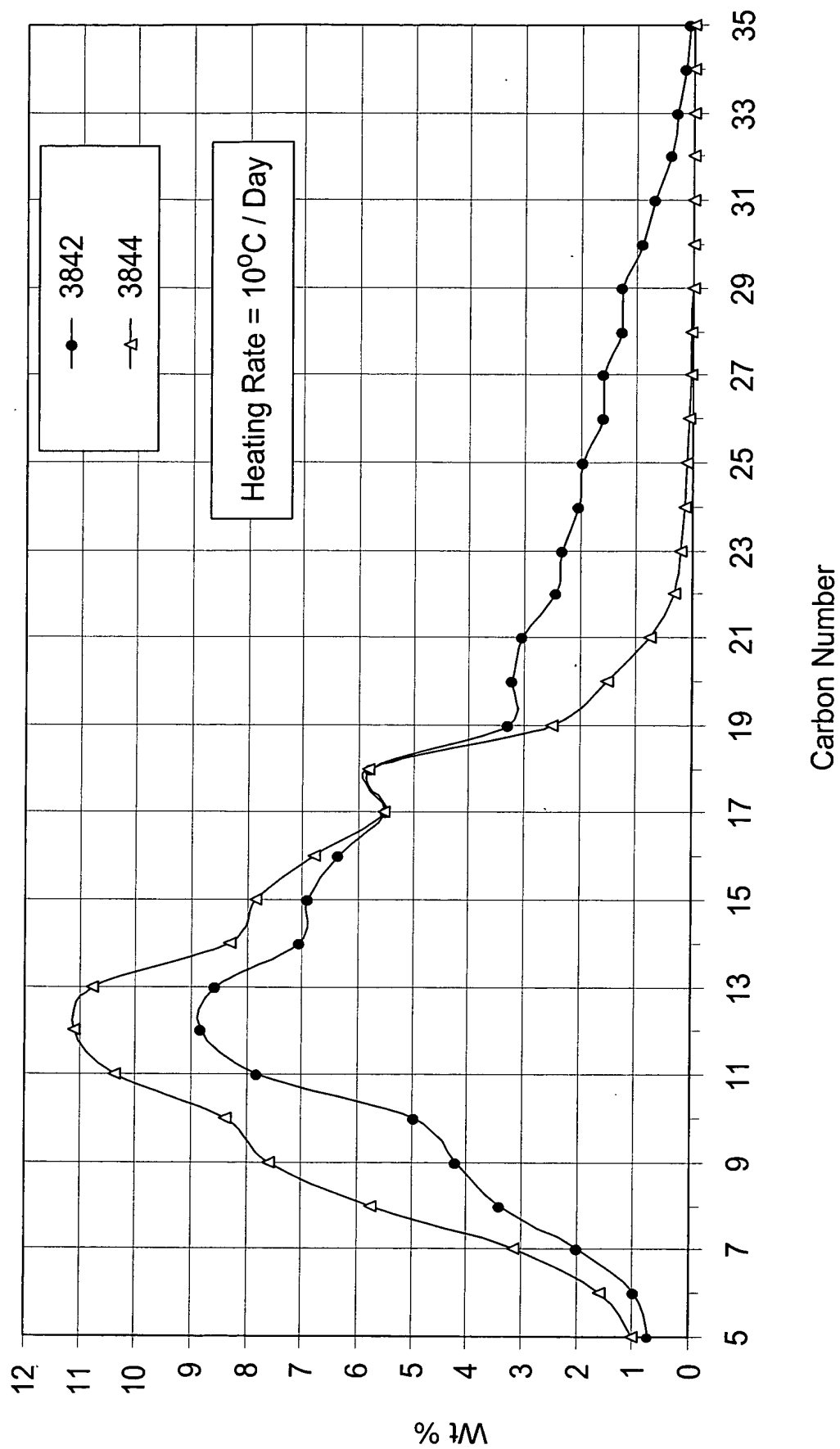


FIG. 104

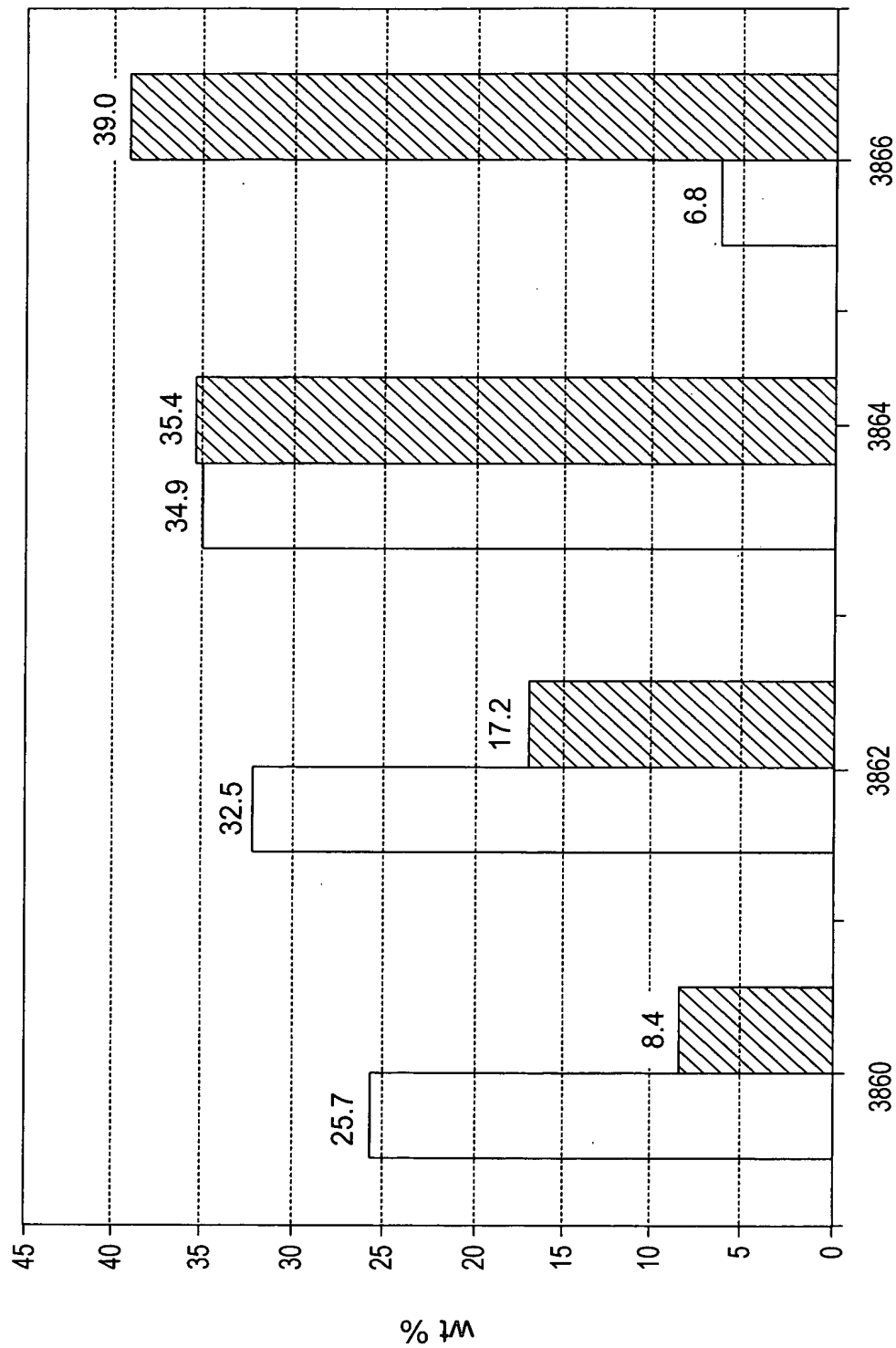


FIG. 105

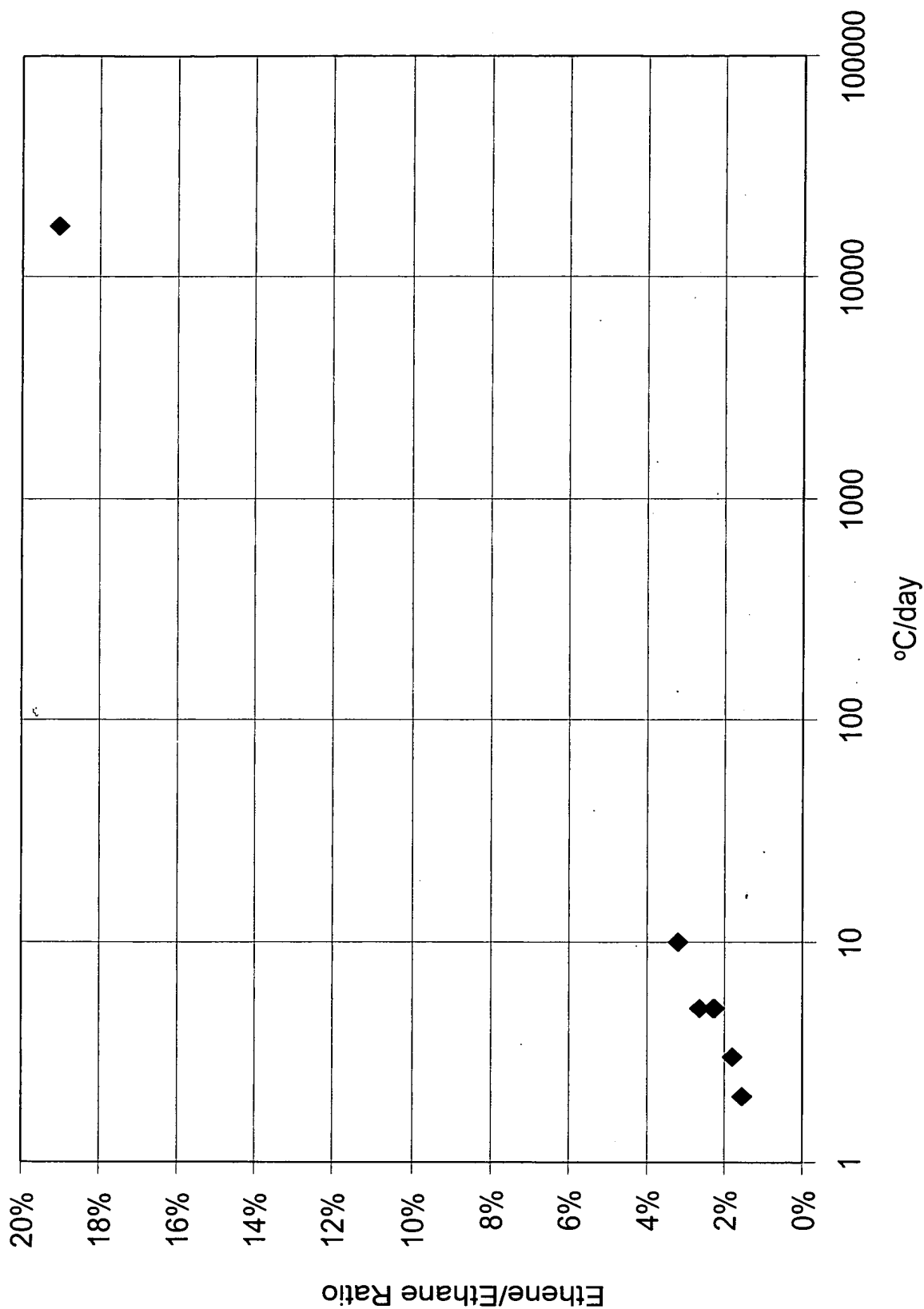


FIG. 106

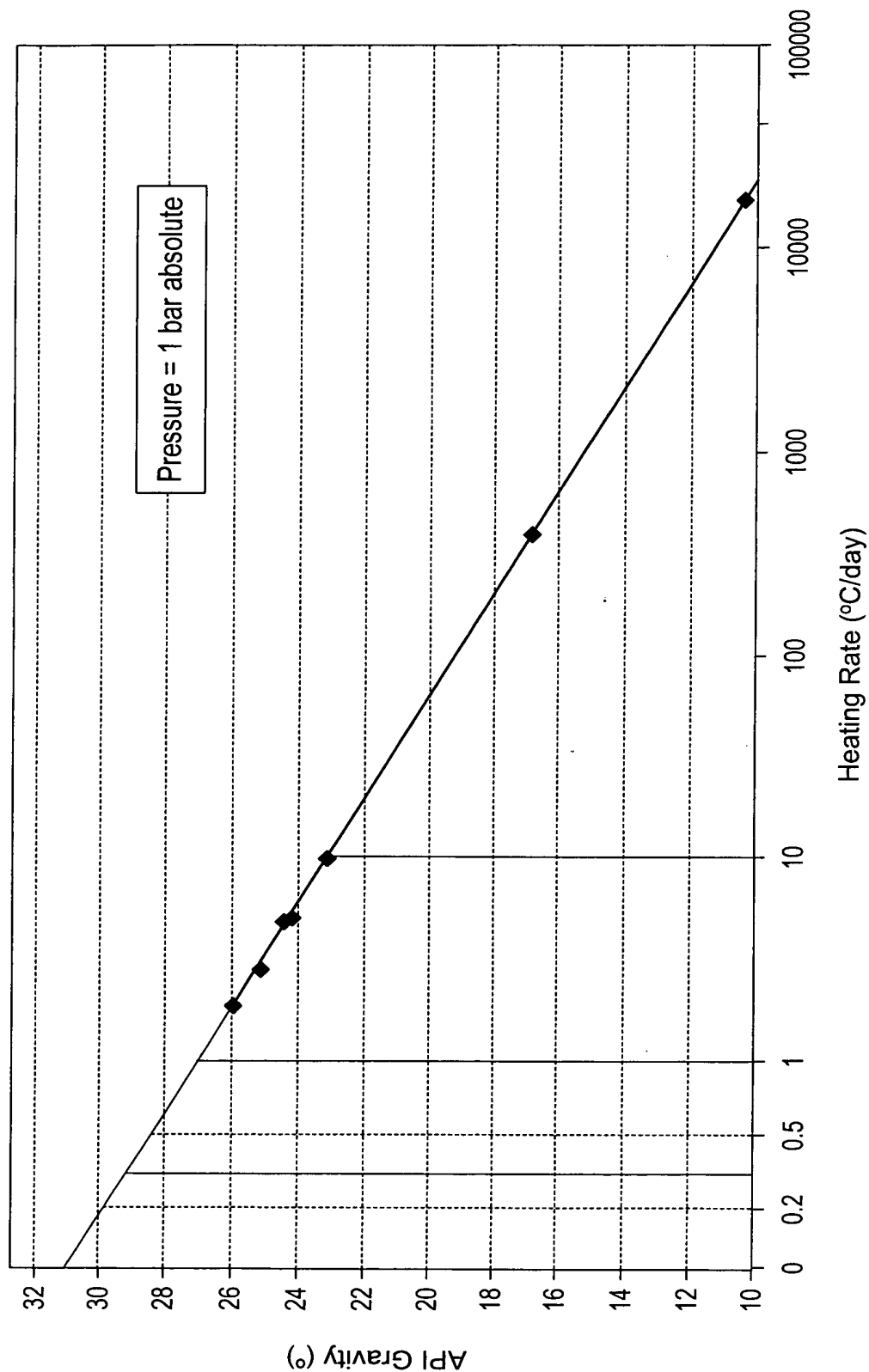


FIG. 107

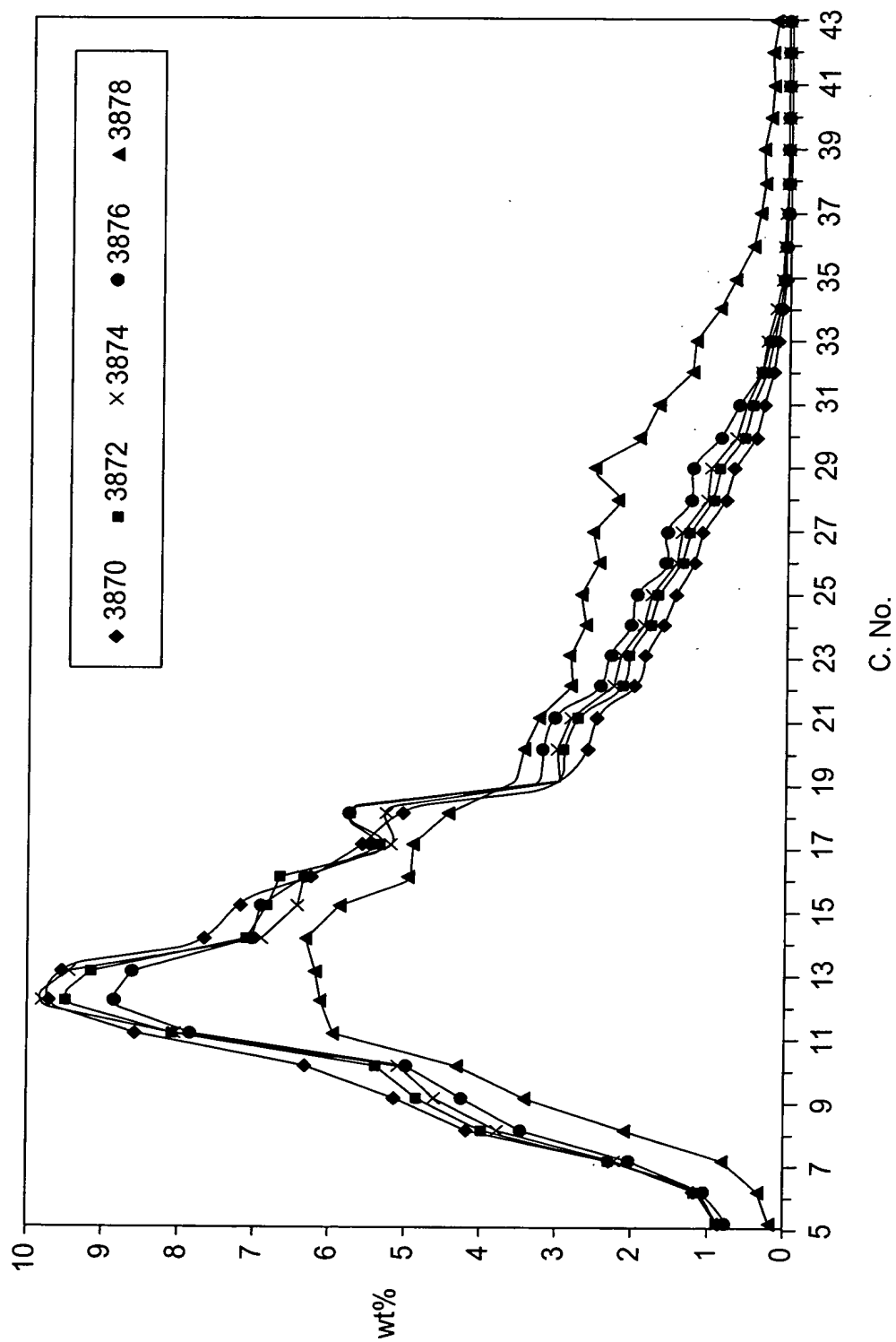


FIG. 108

2

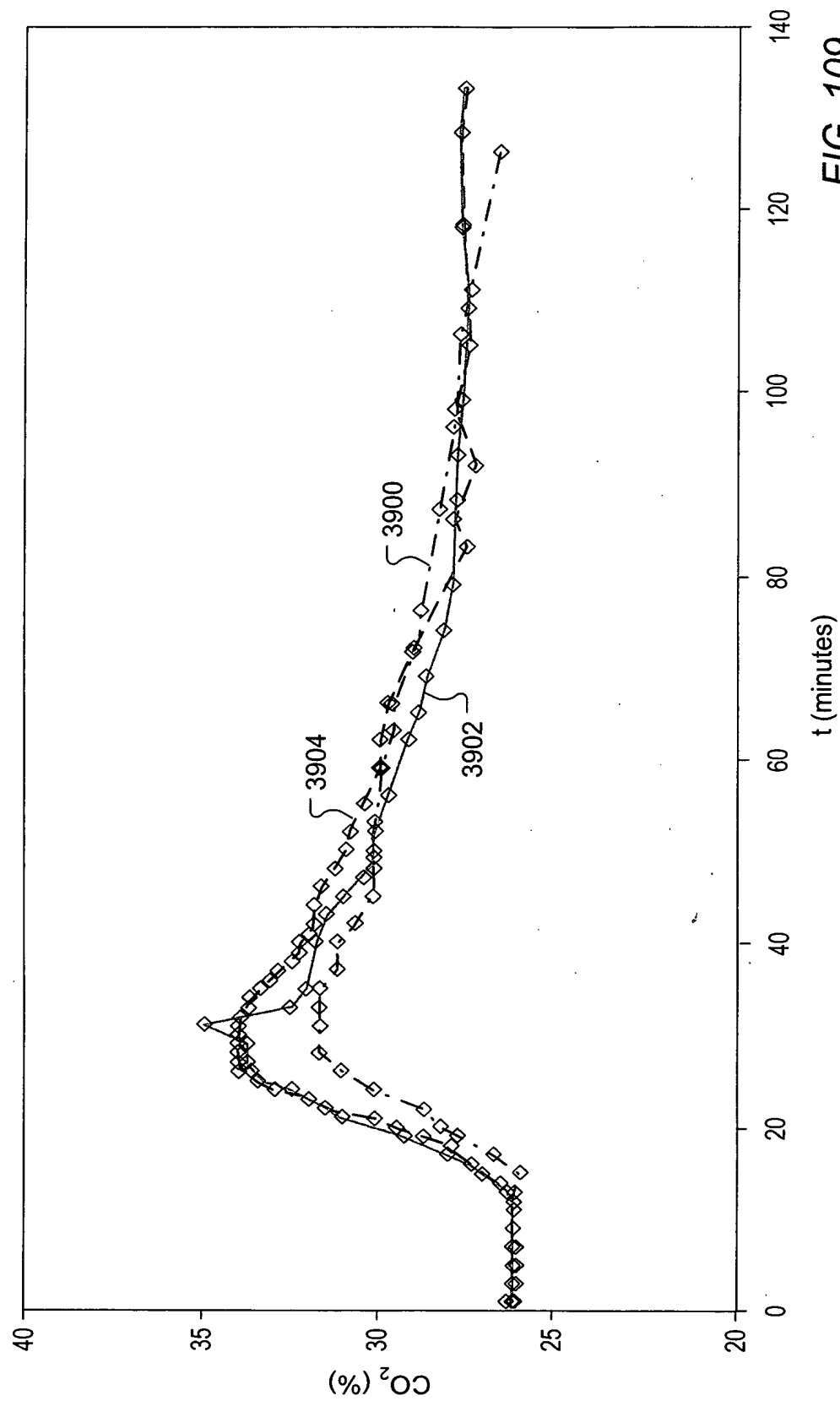


FIG. 109

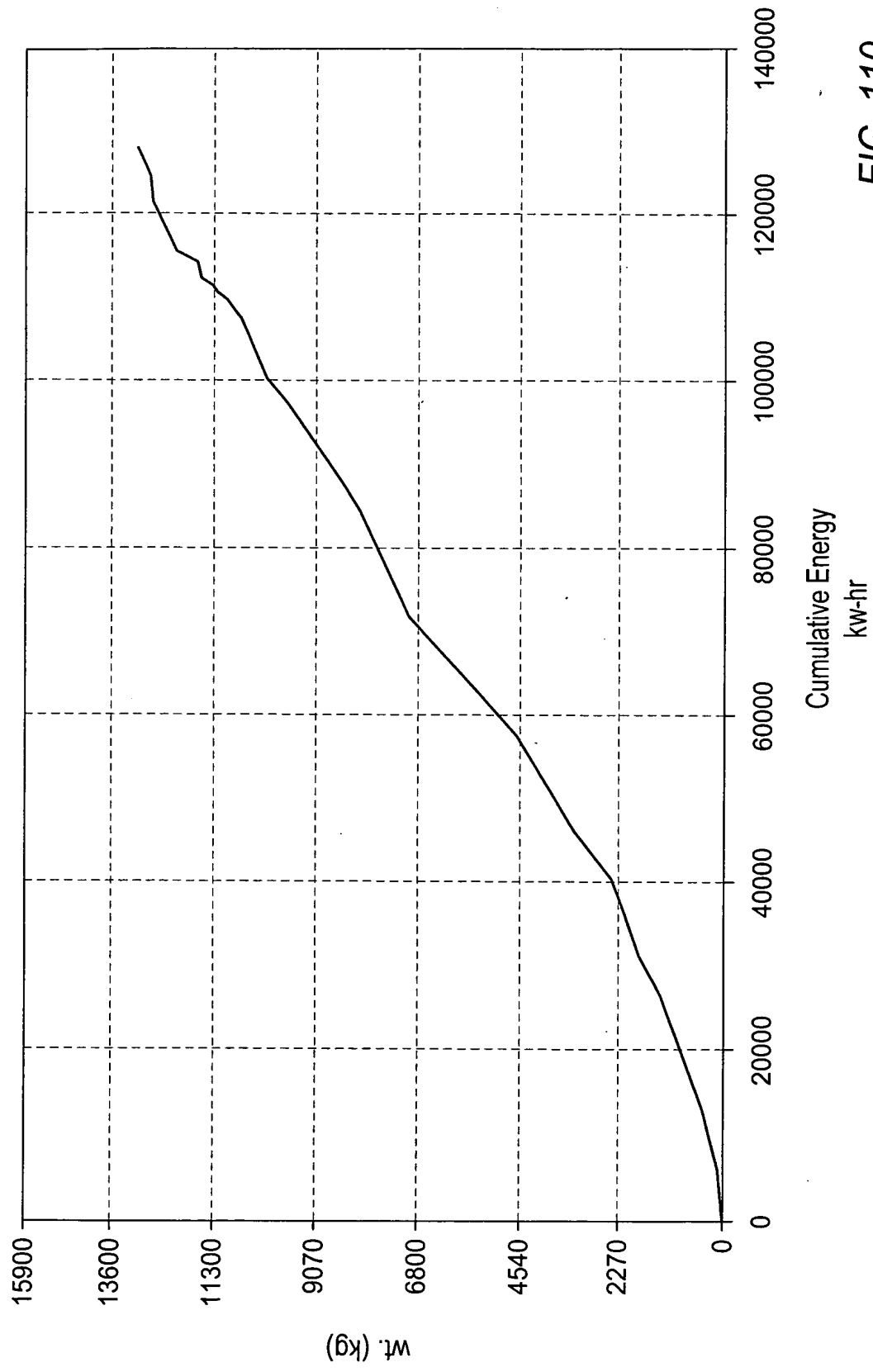


FIG. 110



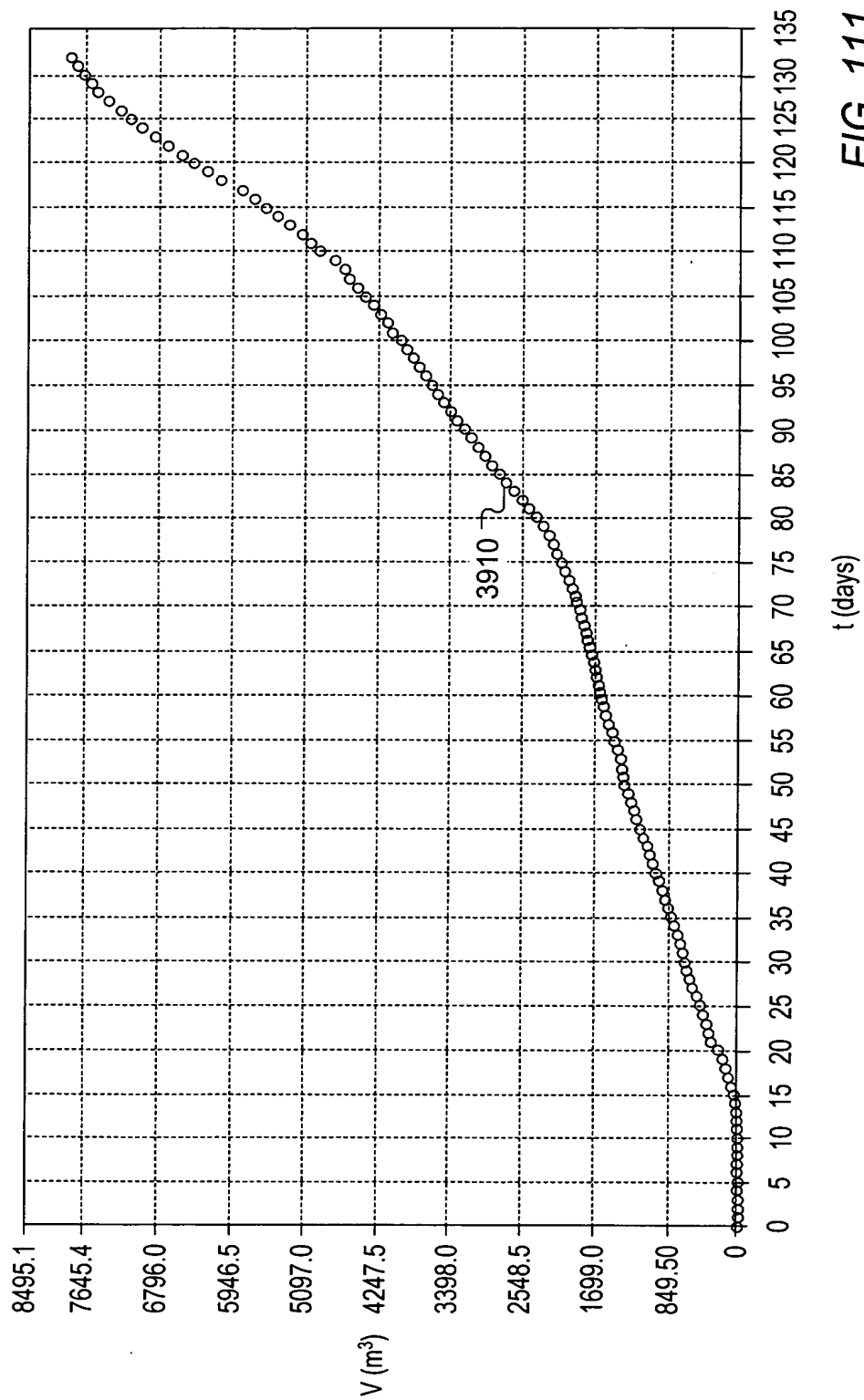


FIG. 111

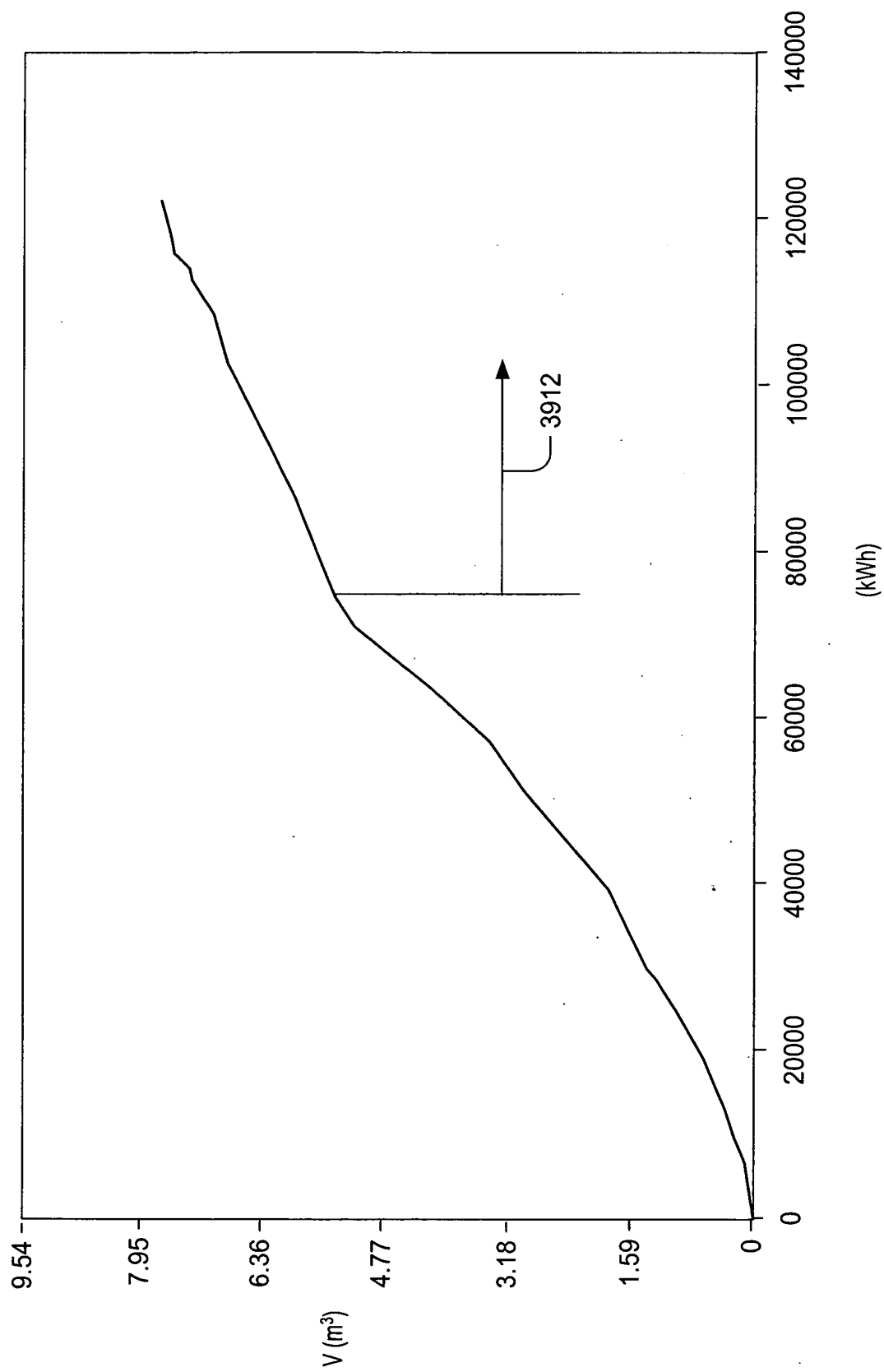


FIG. 112

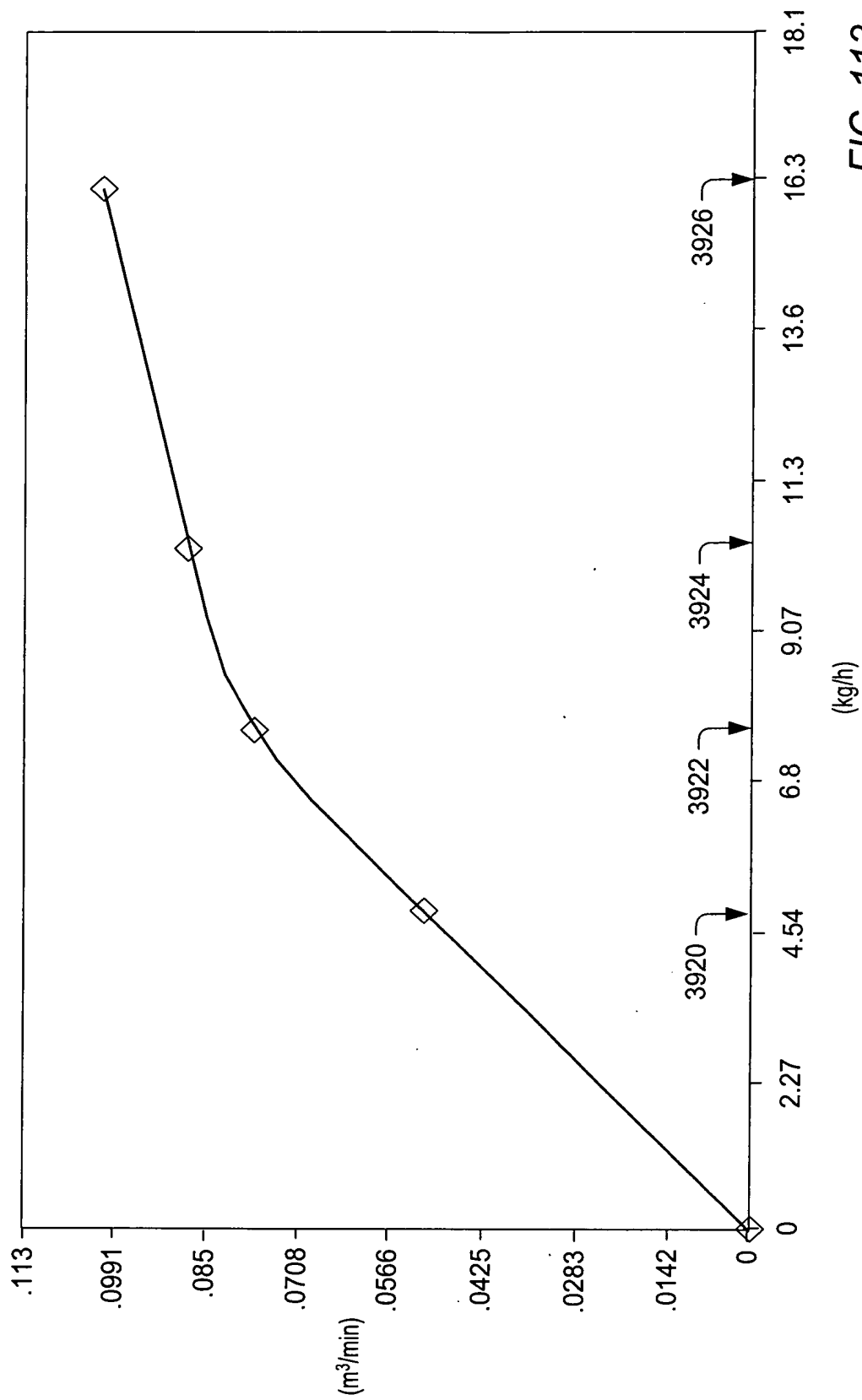


FIG. 113

2

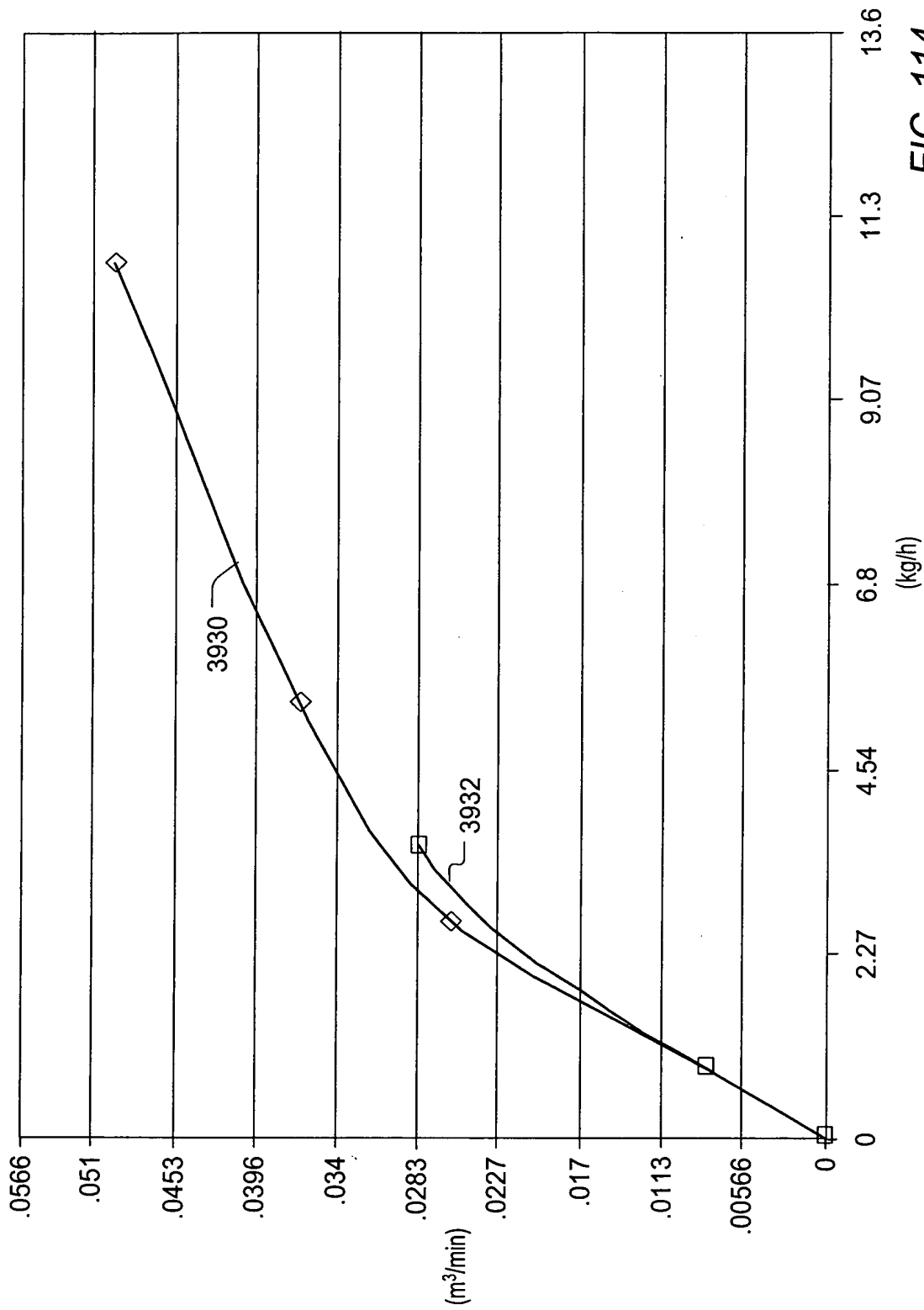


FIG. 114

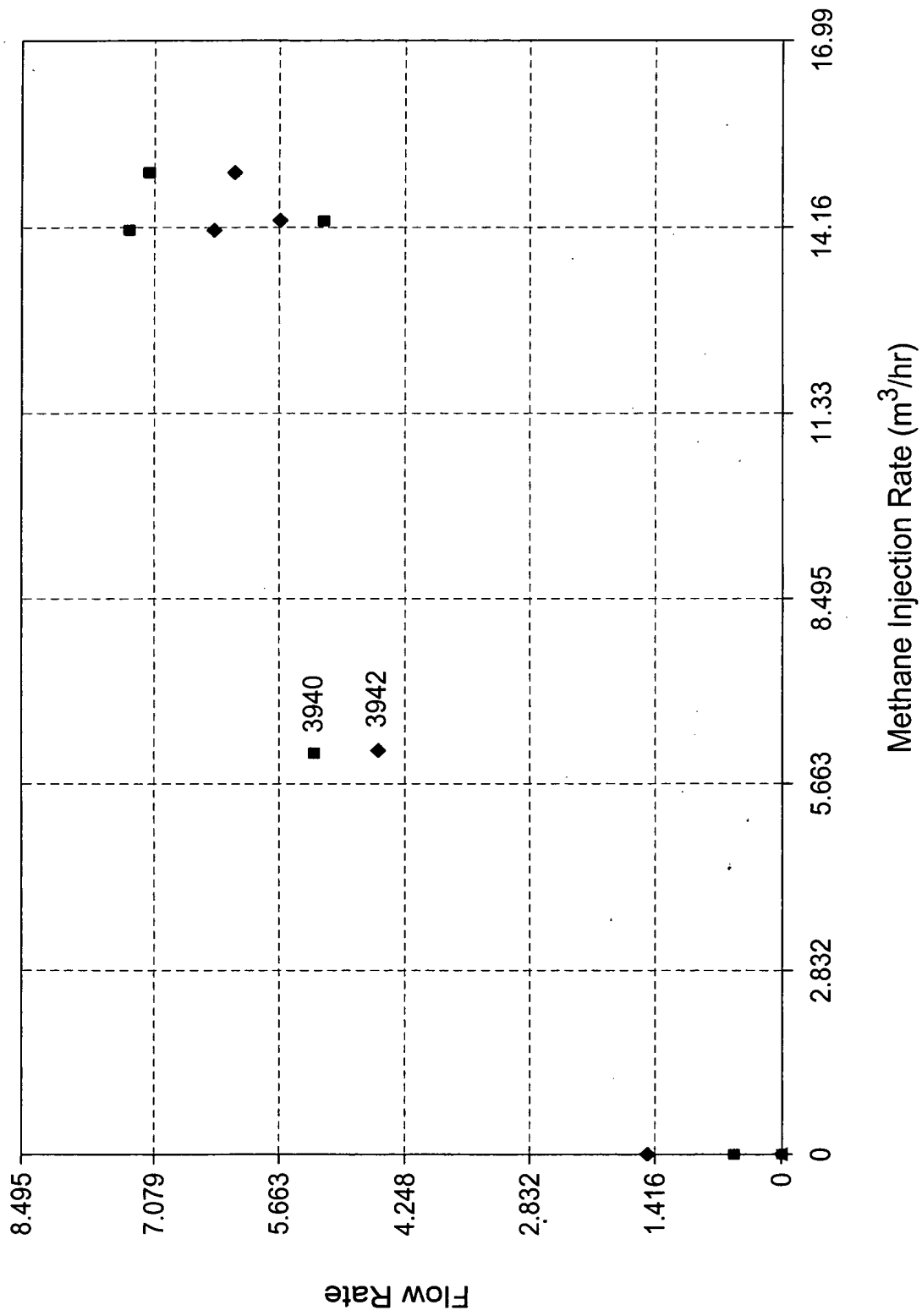


FIG. 115

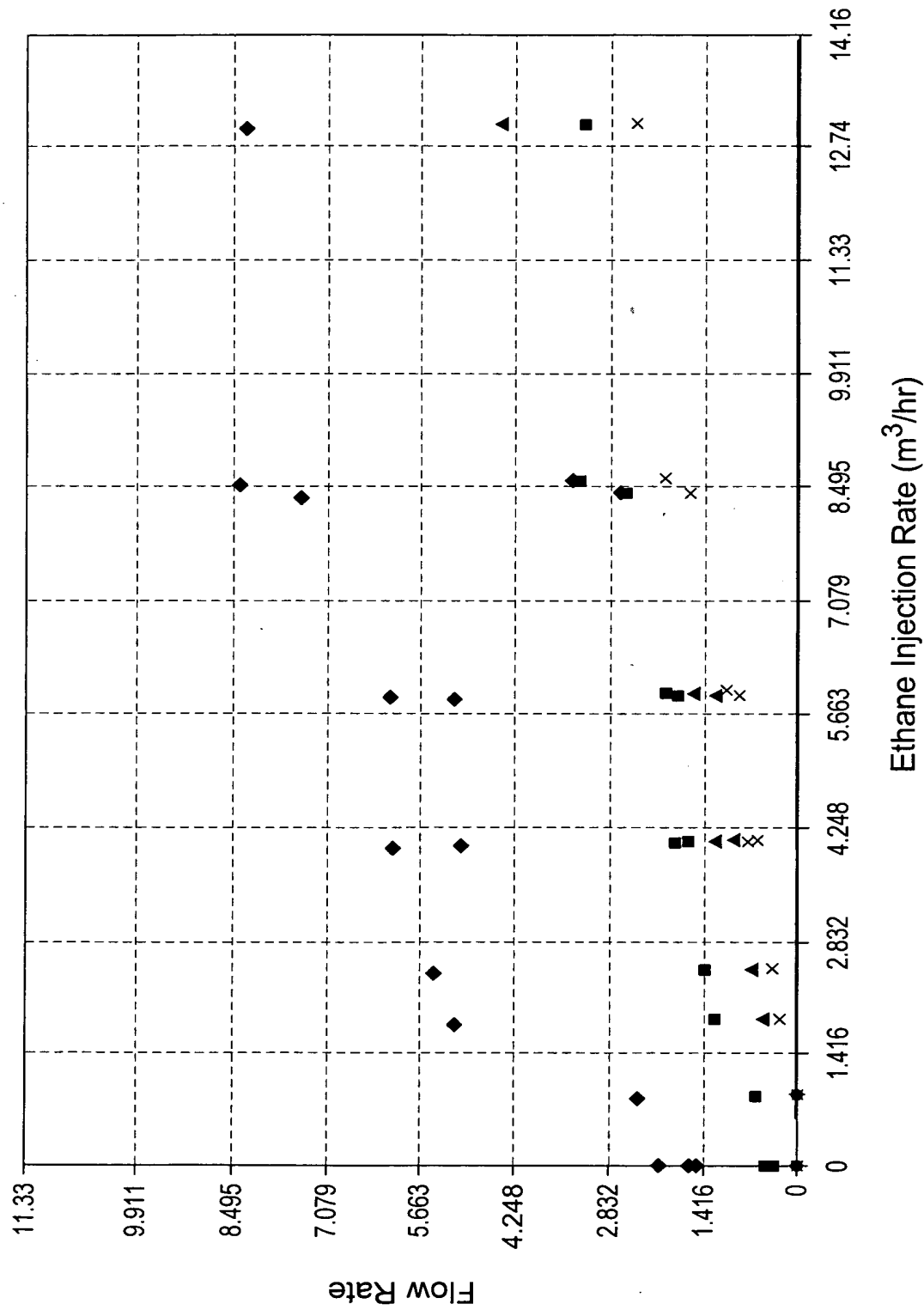


FIG. 116

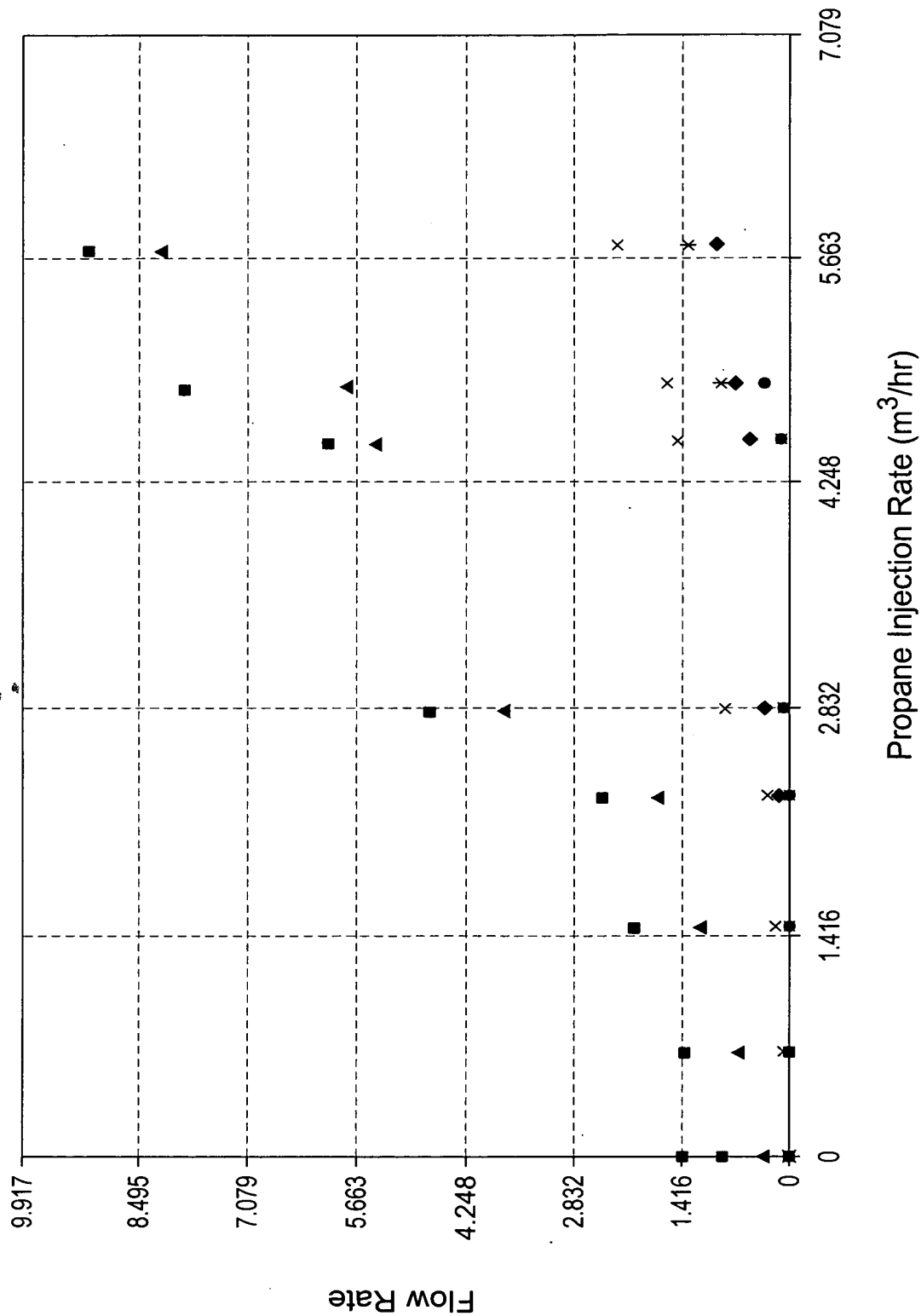


FIG. 117

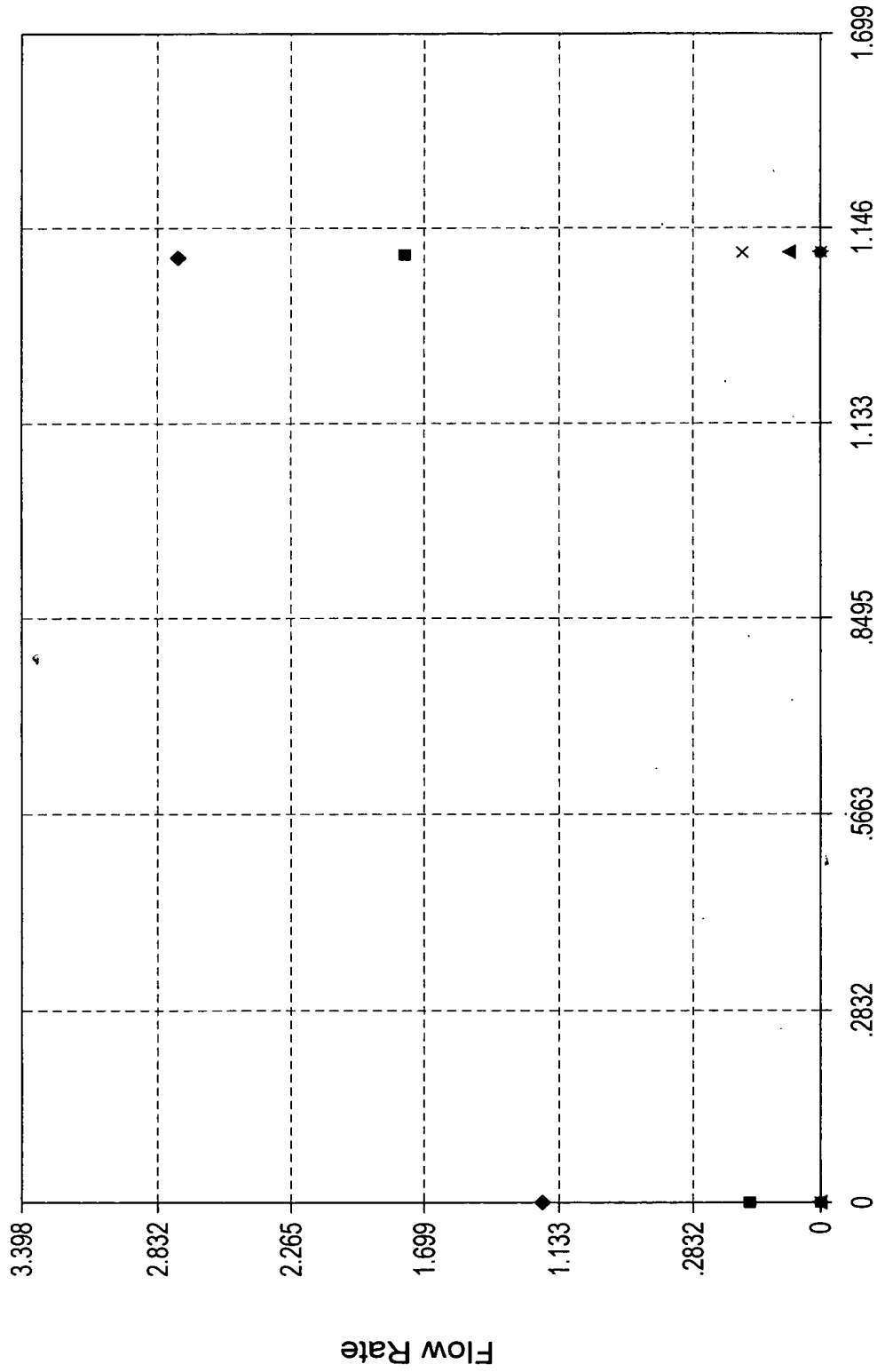


FIG. 118



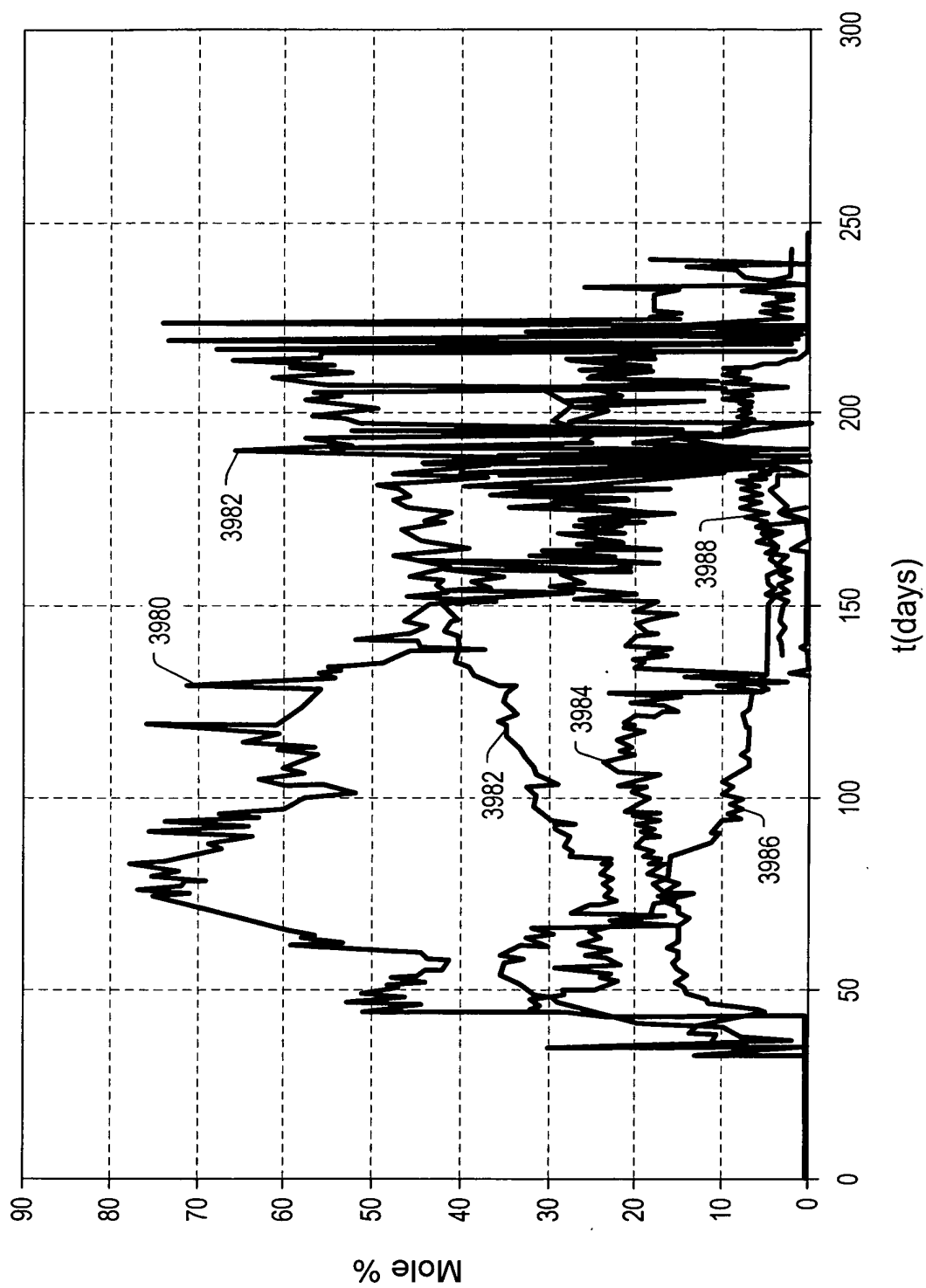
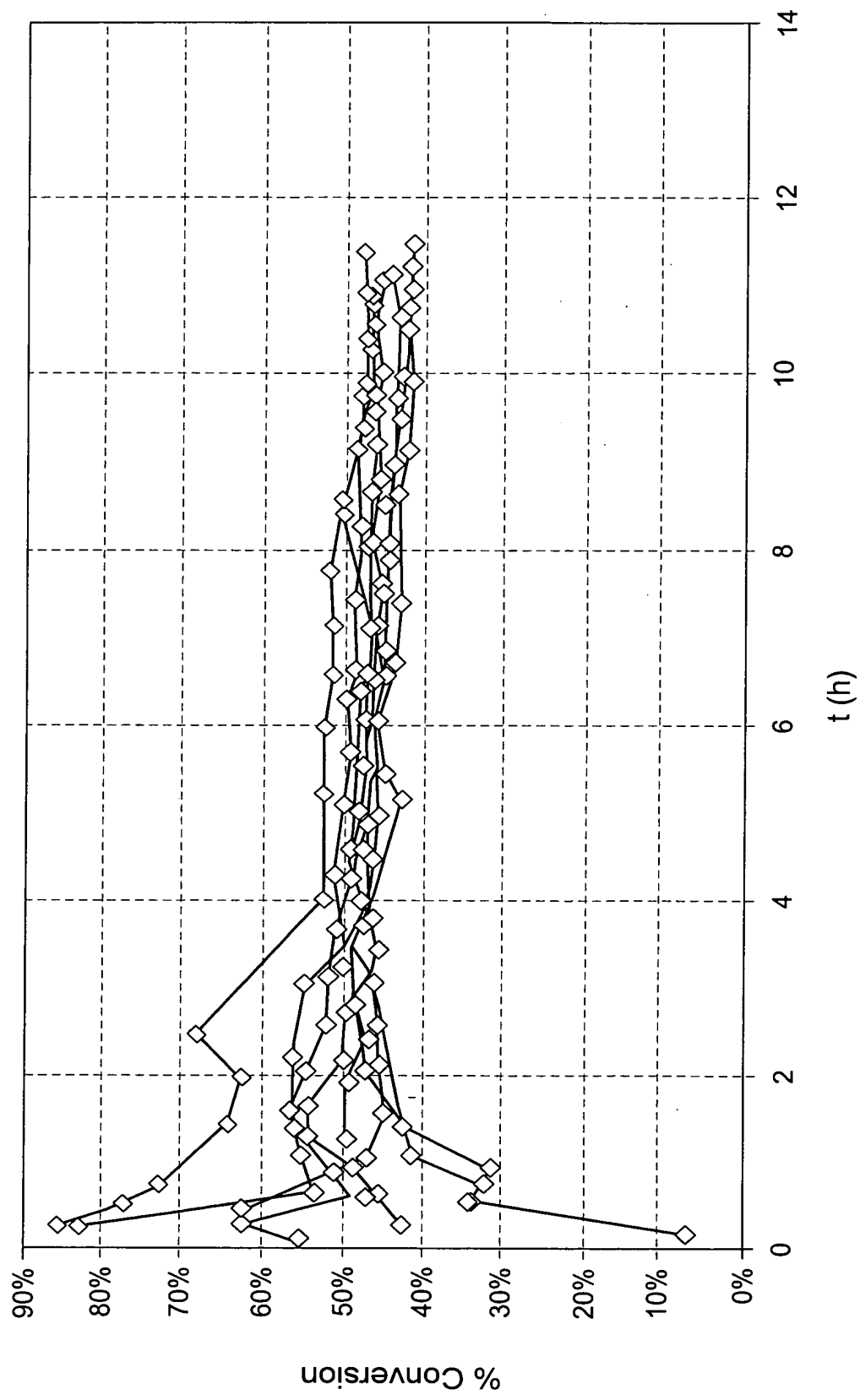


FIG. 119



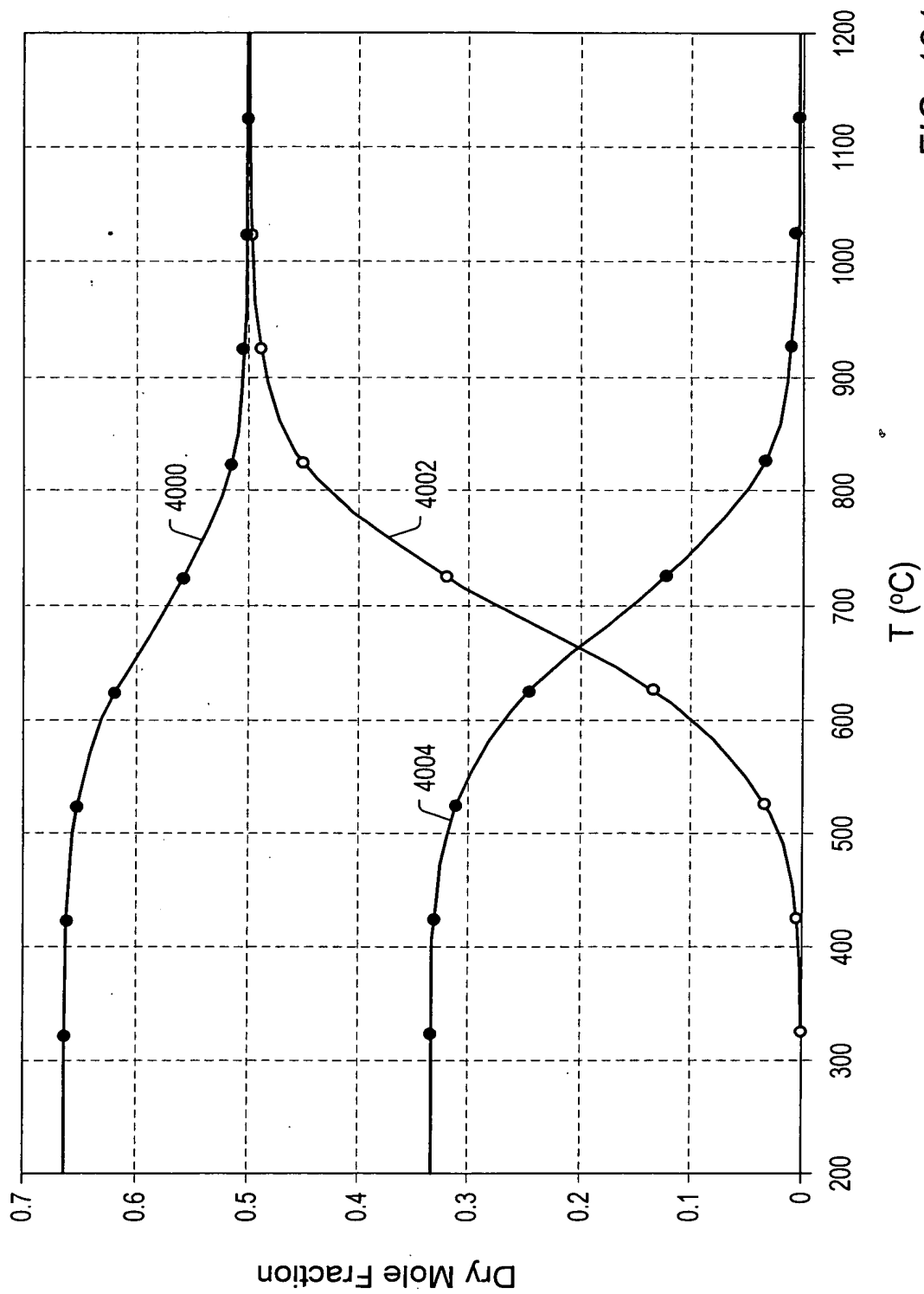


FIG. 121

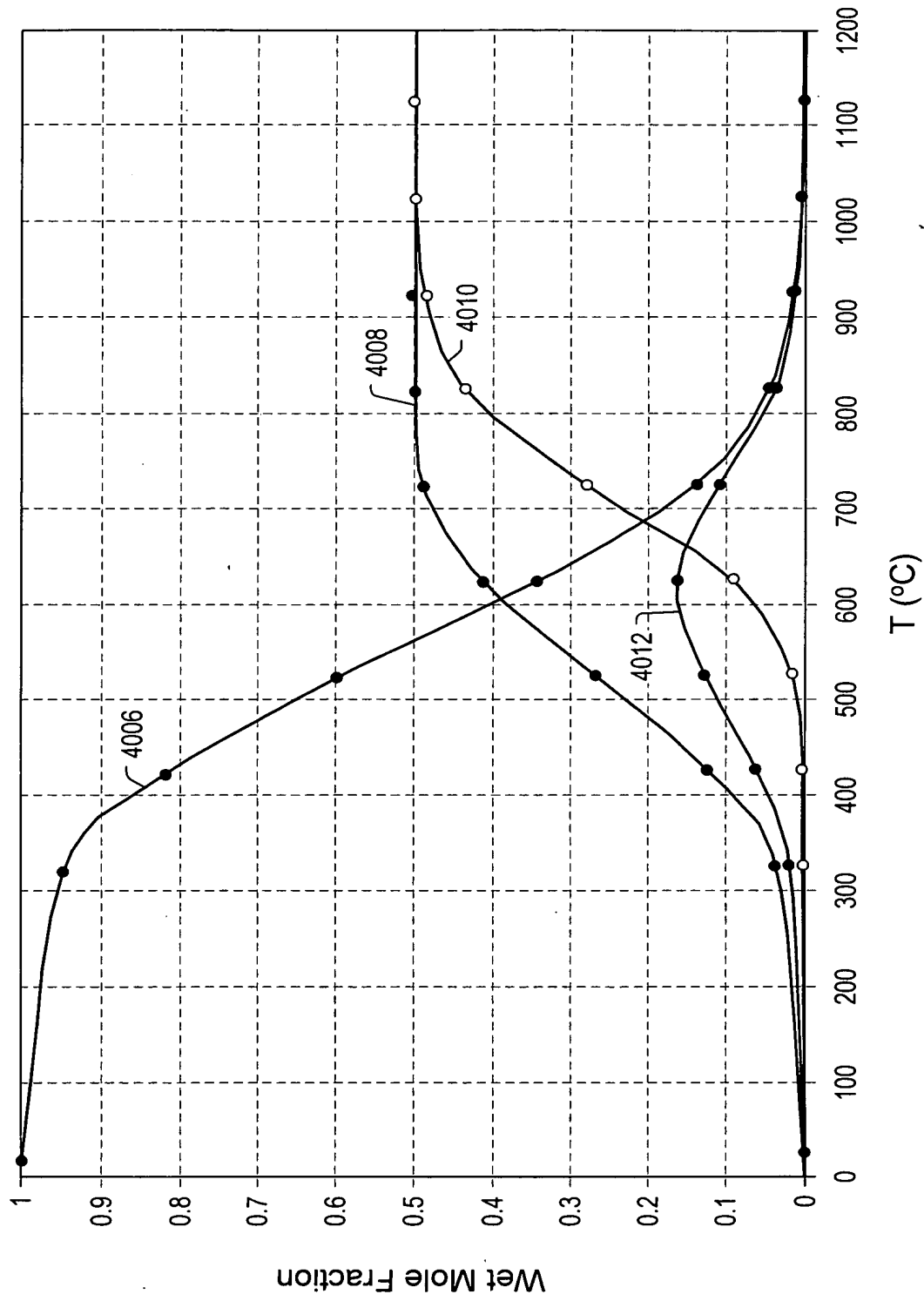
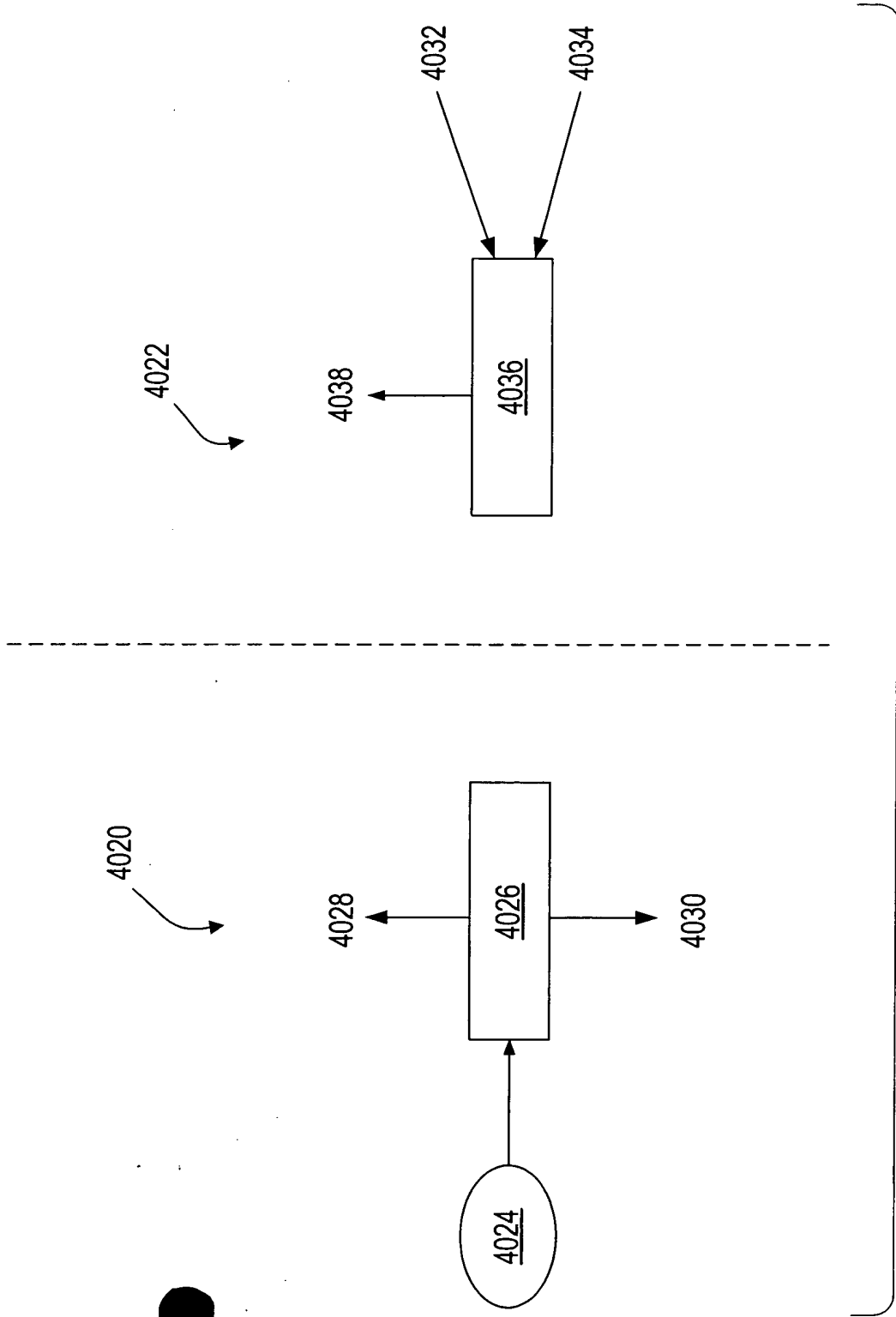


FIG. 122



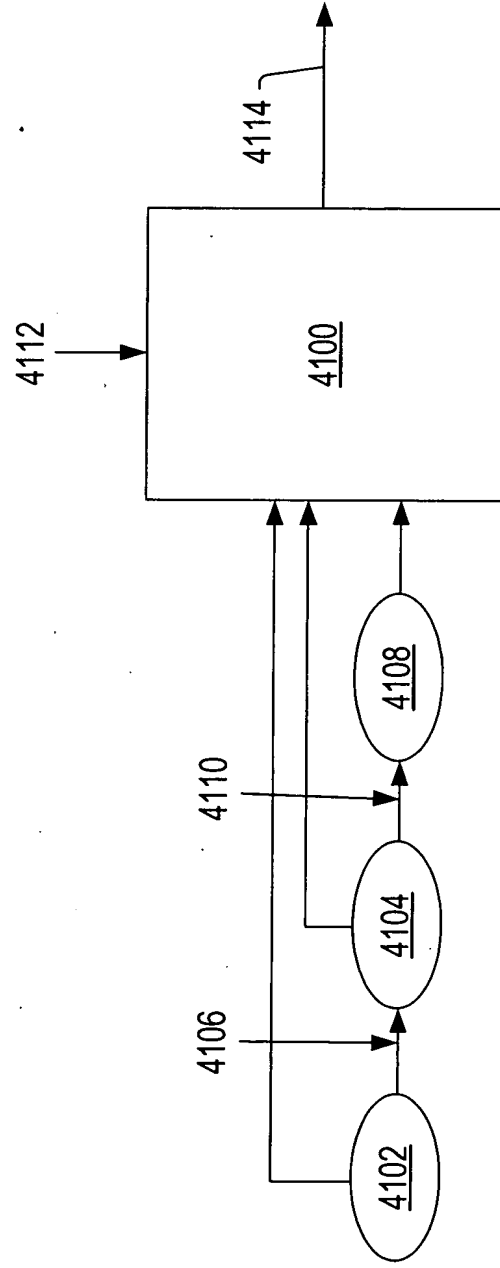


FIG. 124

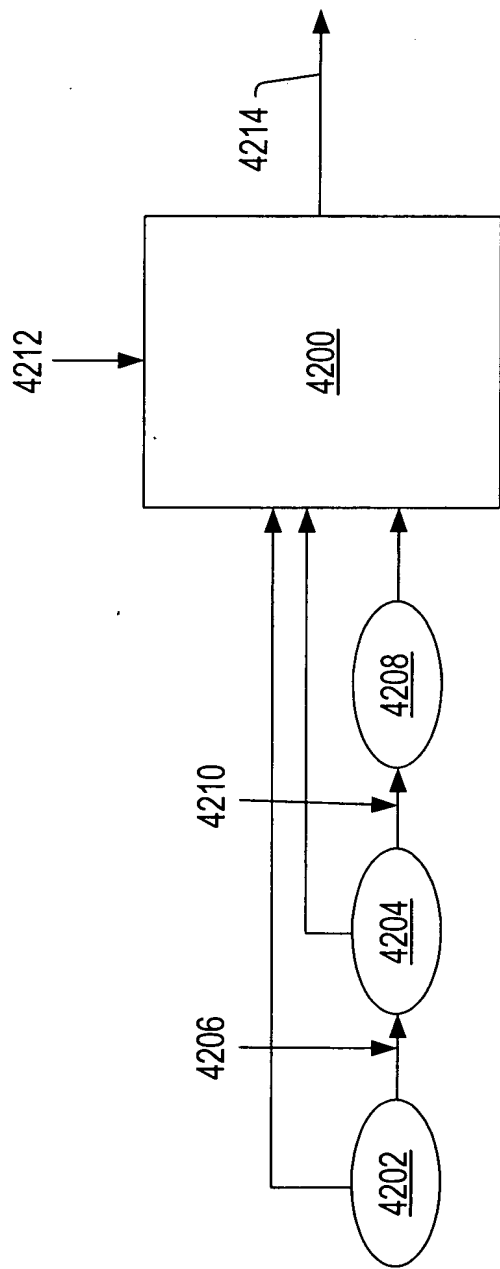


FIG. 125

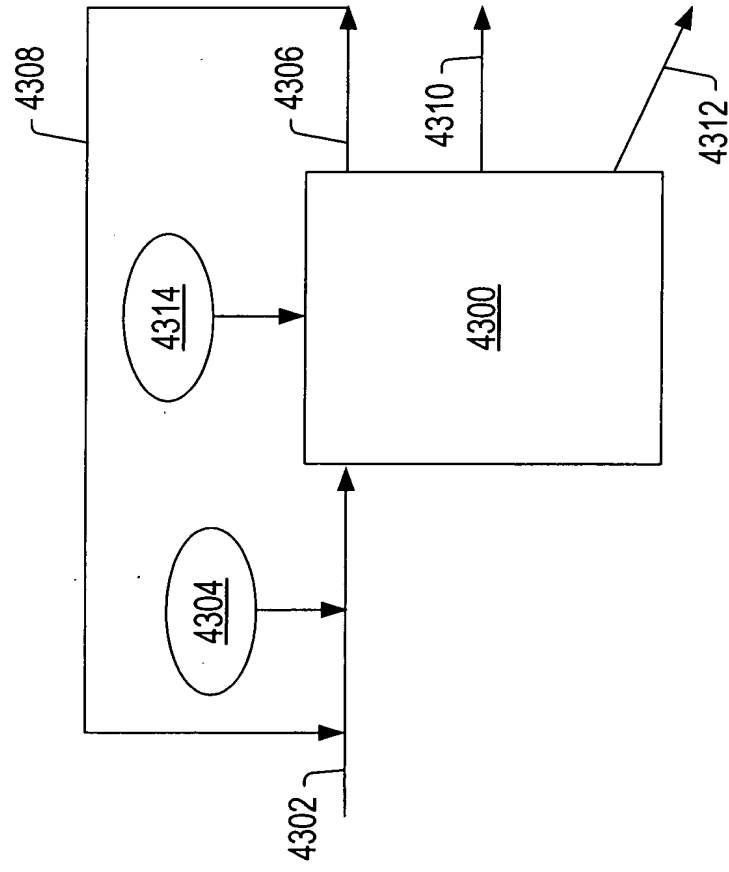
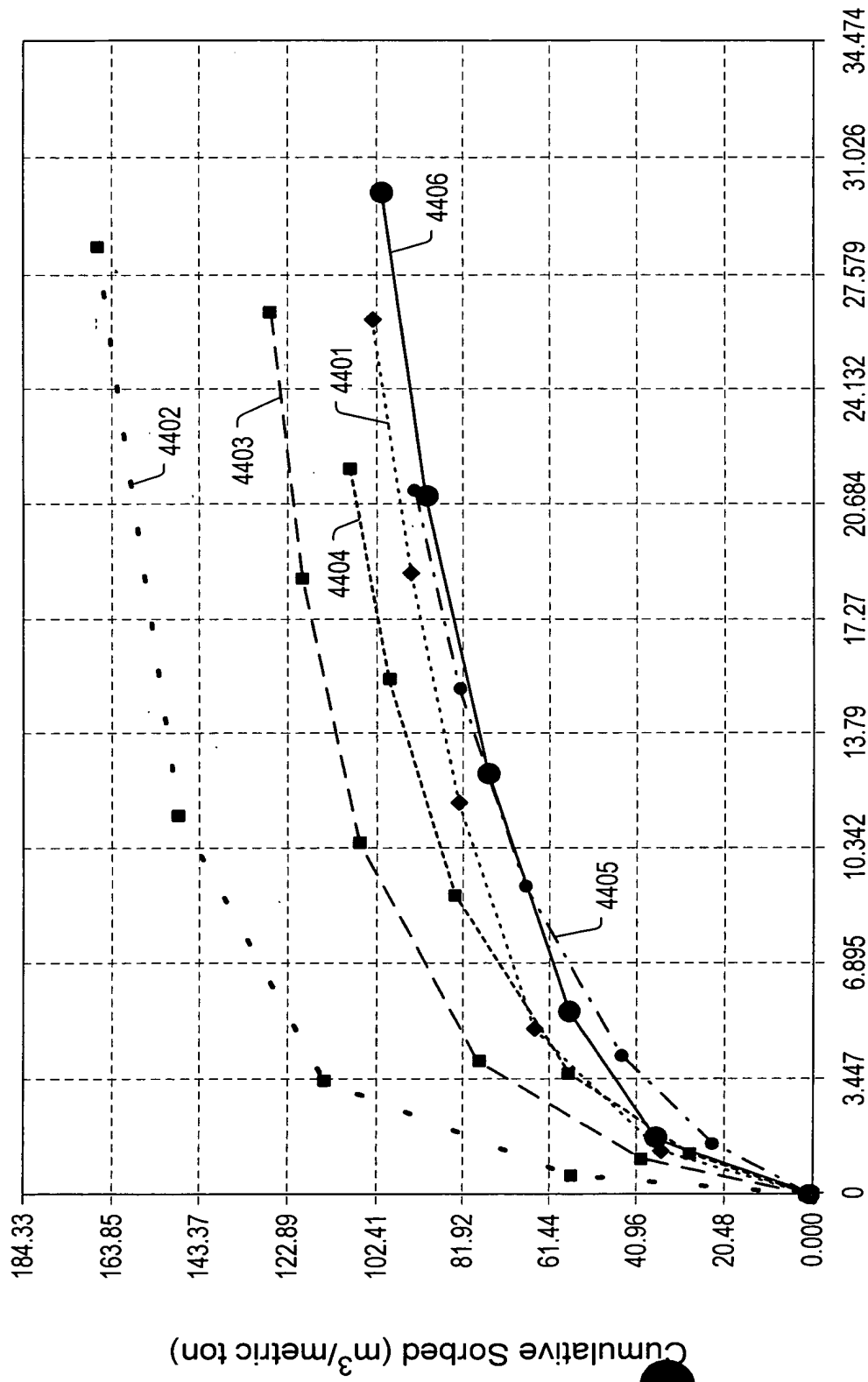


FIG. 126





Cumulative Sorbed (m³/metric ton)

FIG. 127

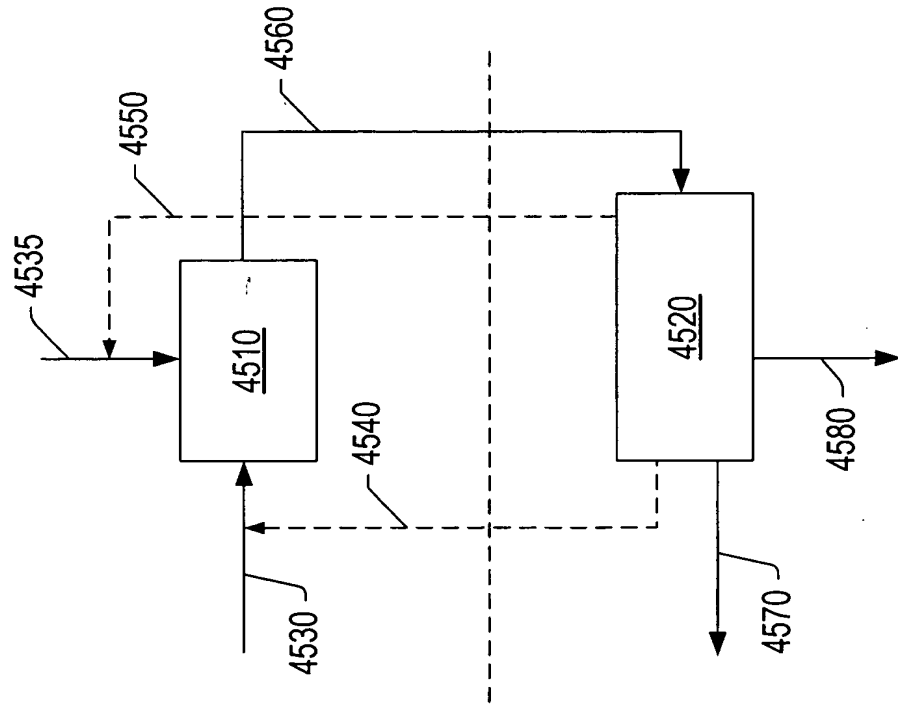


FIG. 128

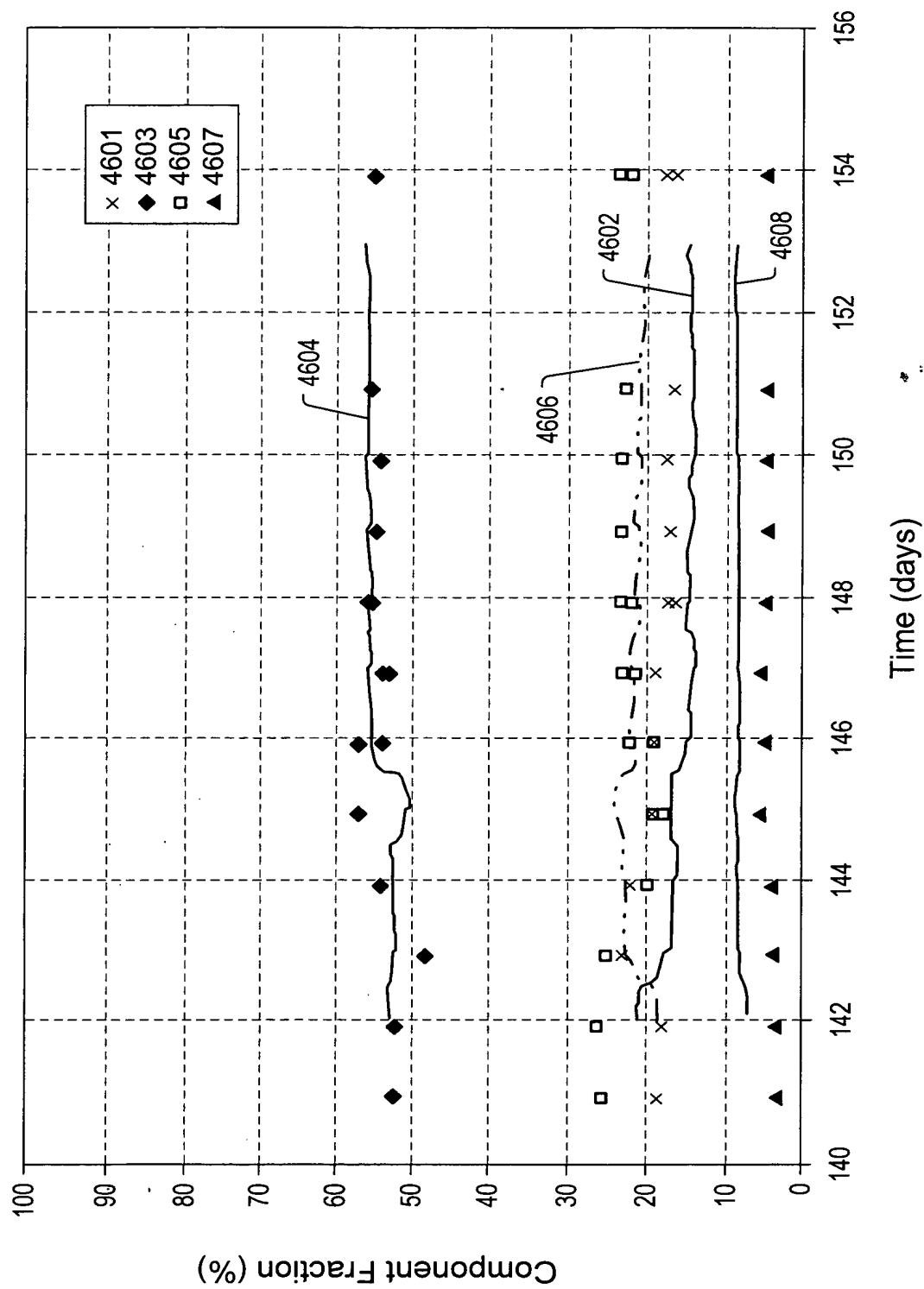


FIG. 129

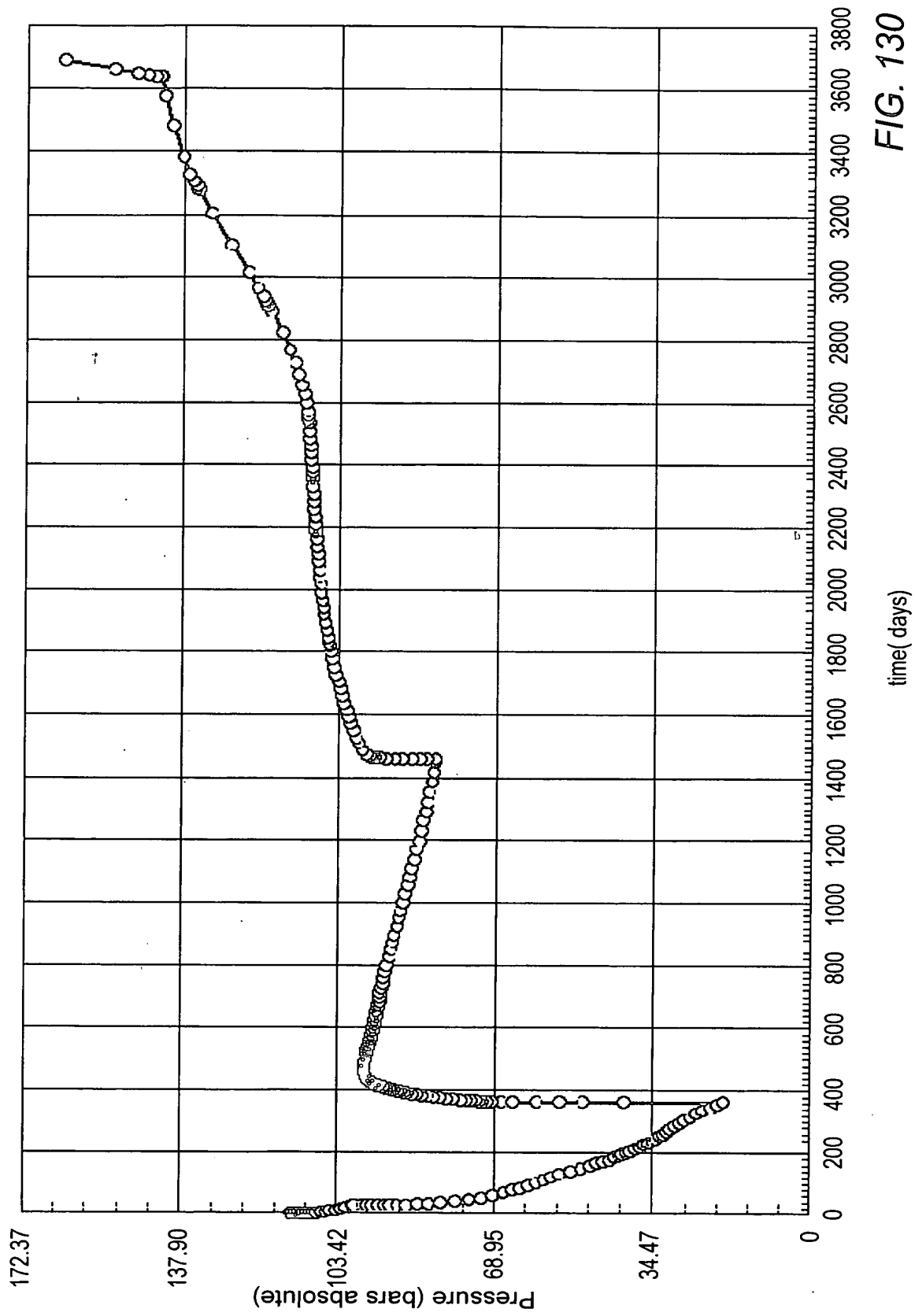


FIG. 130

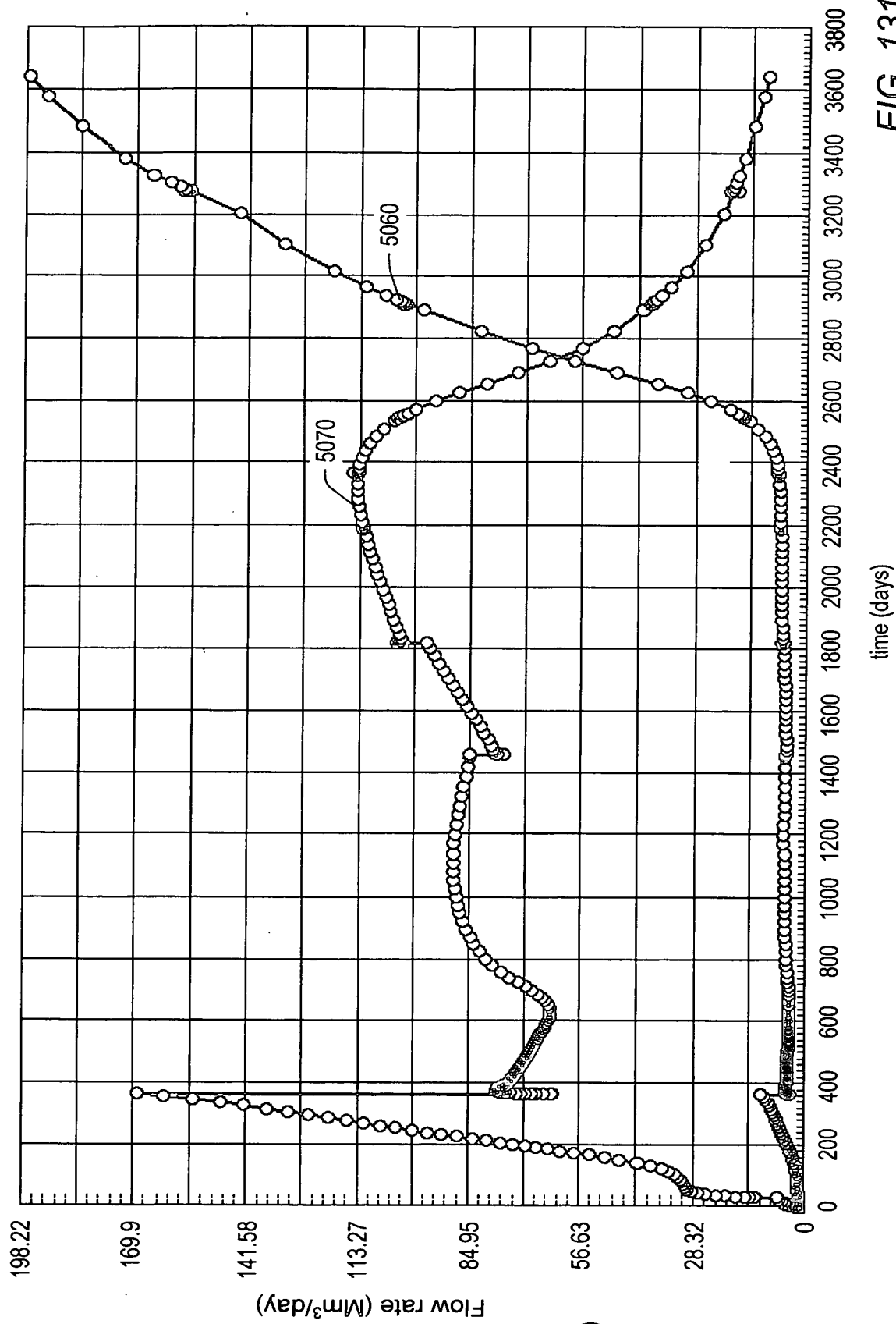


FIG. 131

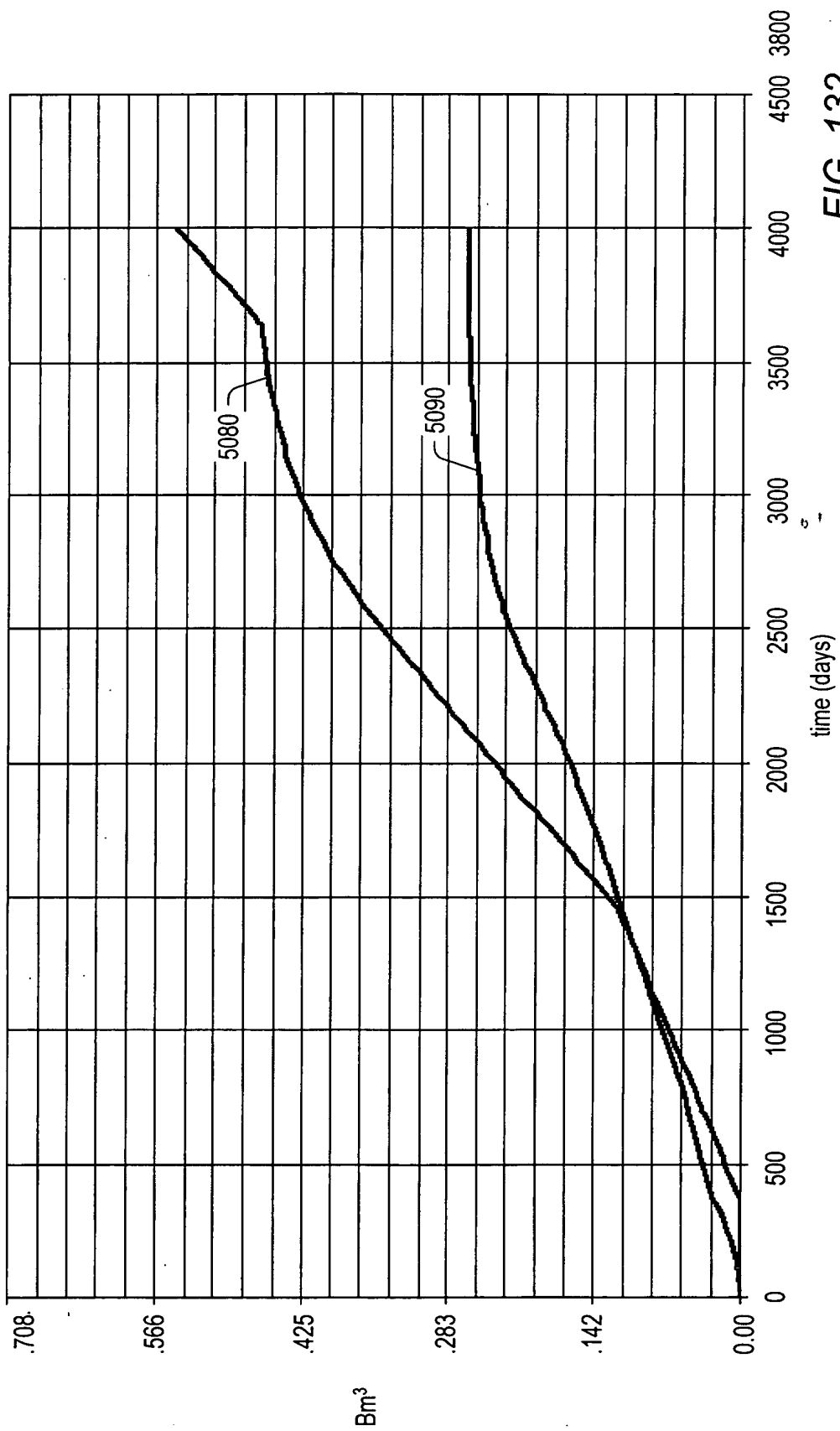


FIG. 132

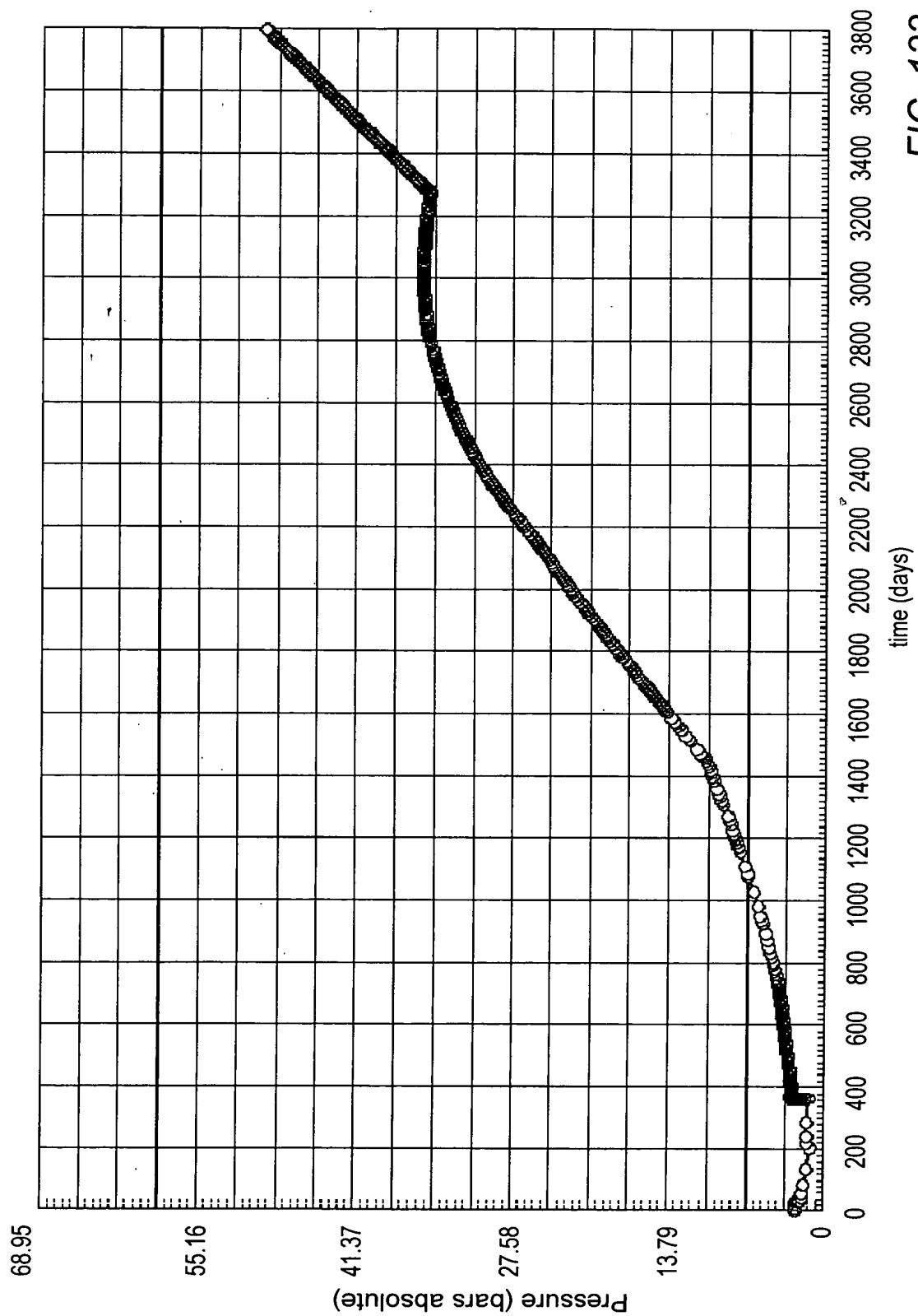


FIG. 133

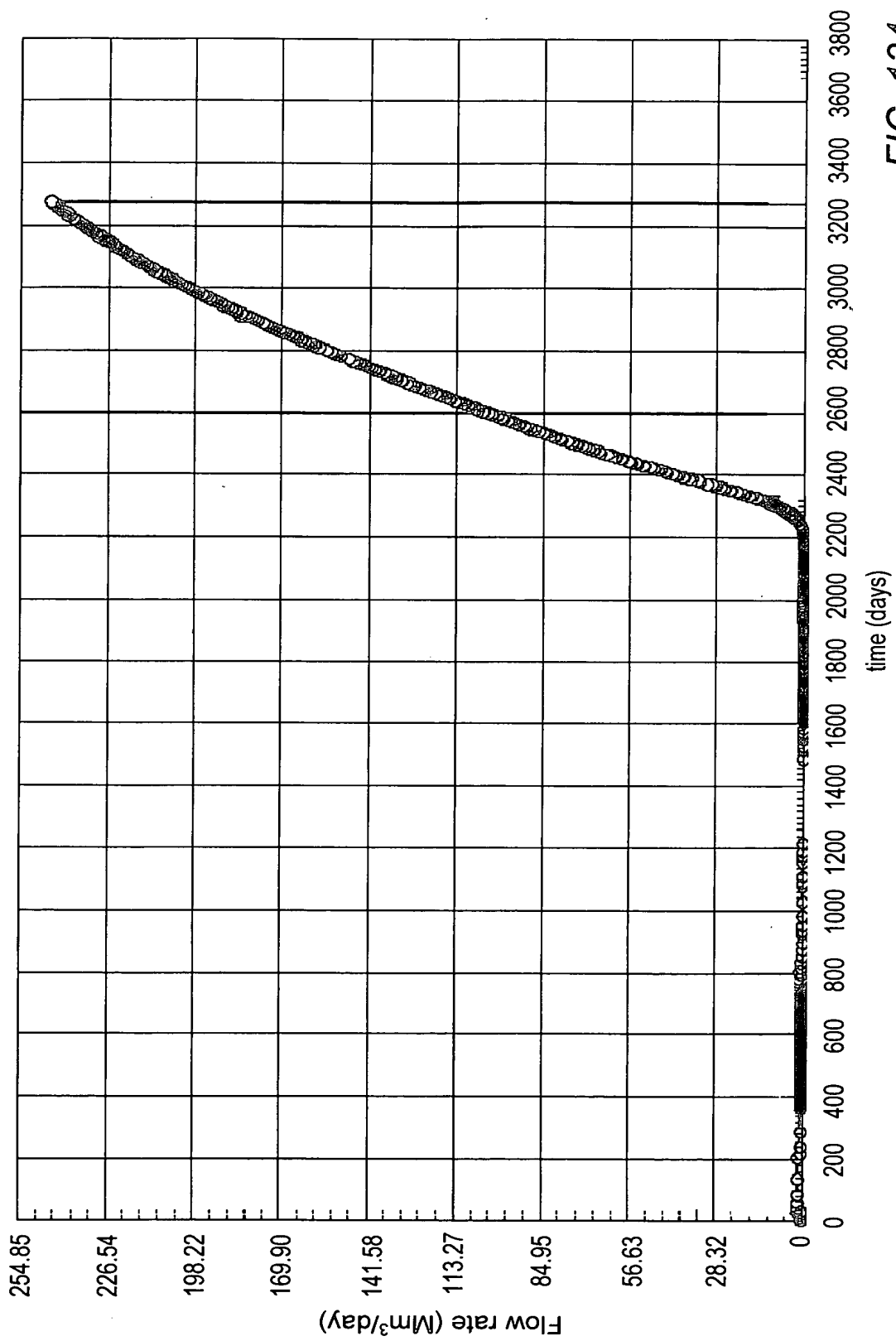


FIG. 134



5

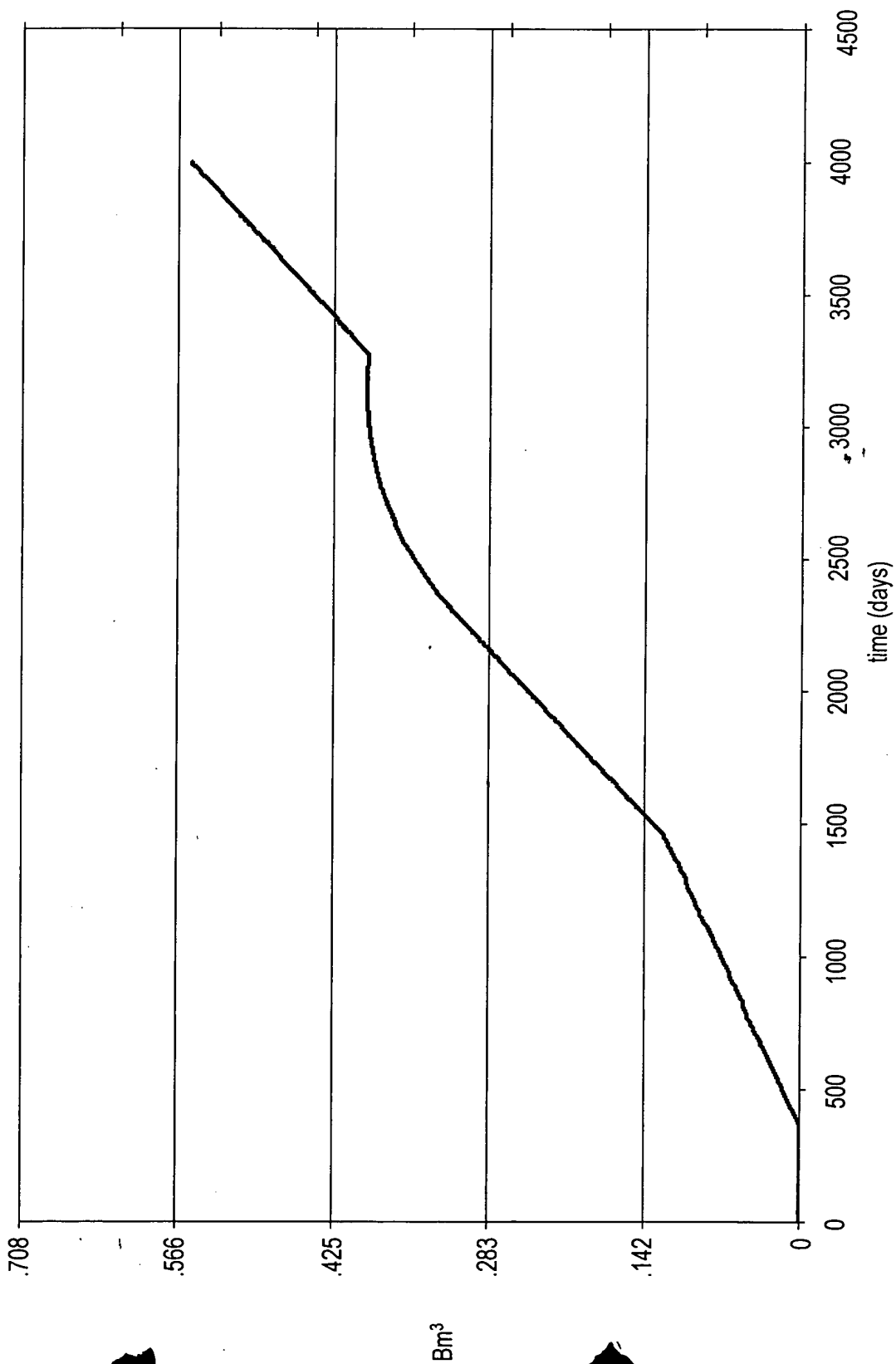


FIG. 135